Fire Stopping Standard Details

ROCKWOOL®

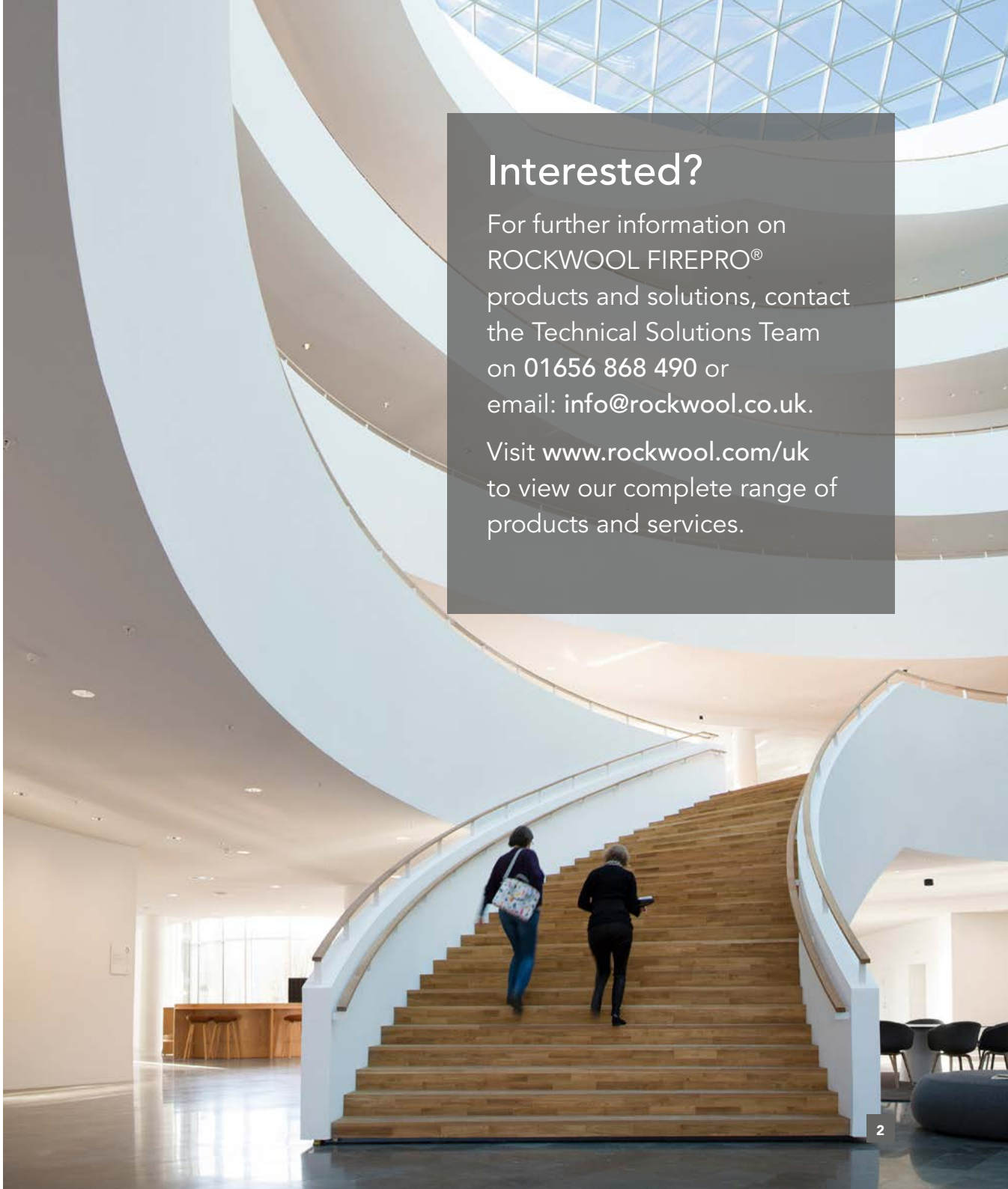
Fire Stopping Standard Details

The ROCKWOOL FIREPRO® range of products provides fire stopping and fire resistance throughout the whole construction process; intended to make buildings and their inhabitants safer in the event of fire.

Beyond ROCKWOOL insulation's inherent fire resistant qualities, our specialist range of products help architects, contractors and developers conform to current fire regulations. Our range of fire resistance products cater for most general purpose and specialty building applications:

- Structural protection
- Penetration seals
- Joints
- Cavity barriers
- Building services protection

(V11/NOV23)



Interested?

For further information on ROCKWOOL FIREPRO® products and solutions, contact the Technical Solutions Team on **01656 868 490** or email: **info@rockwool.co.uk**.

Visit **www.rockwool.com/uk** to view our complete range of products and services.

Changelog

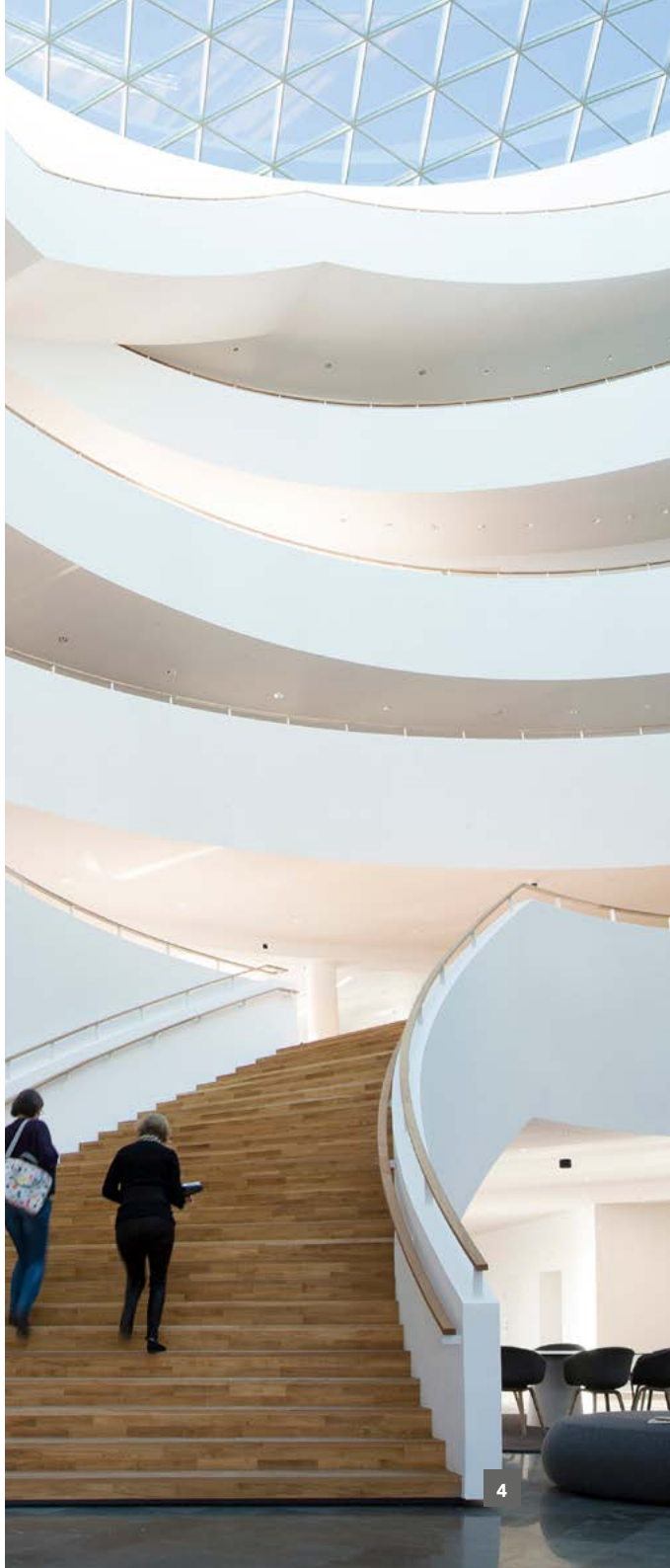
Amendments to Fire Stopping Guide
Point 12 added - clarification on equivalent fixing types

Details omitted
RWSD-SS-0001 - Softseal in flexible wall
RWSD-SS-0002 - Softseal in masonry wall

Additional details
RWSD-ACB-0301 - 50mm Ablative Coated Batt head of wall
RWSD-HE-0002 - High Expansion Sealant in masonry wall
RWSD-HE-0052 - High Expansion Sealant in Double batt Flexible Wall

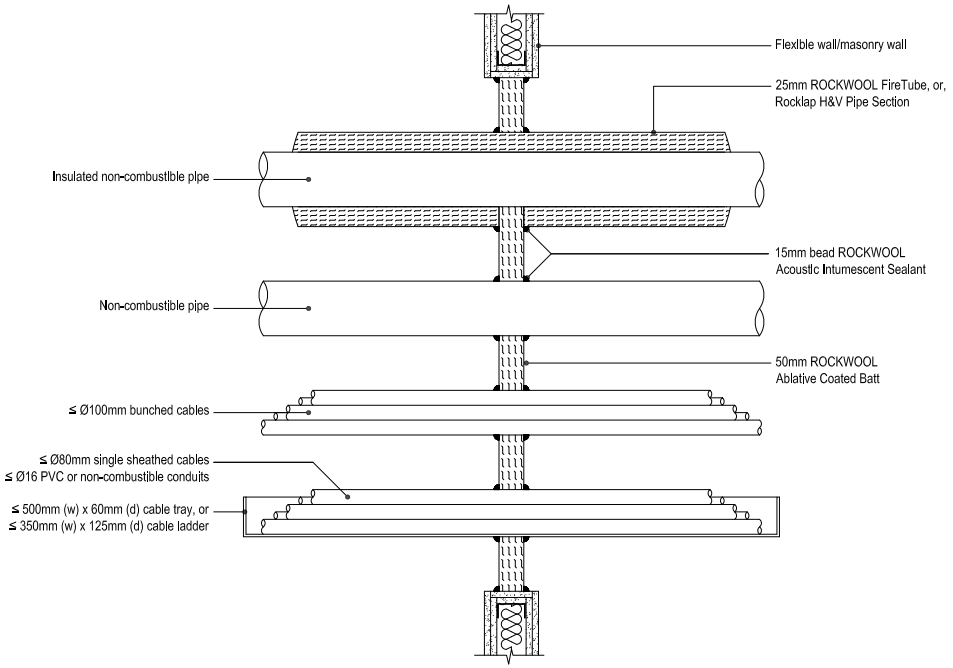
Detail amendments		
RWSD-ACB-0101	Single 50mm Batt - 100mm Flex.wall	Note on LS / LI insulation amended
RWSD-ACB-0102	Single Sided Batt Seal - 100mm Flex.wall	Seal performance increased to 120 minutes integrity and insulation
RWSD-ACB-0201	50mm Batt Face Fix - 100mm Flex.wall	Note on framed and lined aperture removed
RWSD-ACB-1001	Single 60mm Batt - 100mm Flex.wall	Supporting evidence amended
RWSD-ACB-1301	60mm Batt Head of Wall	Integrity only note added for HoW seals to steel beams
RWSD-COL-0001	Pipe Collar CE - 100mm Flex. Wall	Fixing type amended
RWSD-COL-0502	Pipe Collar CE - Profiled Deck	O/A floor thickness reduced to 130mm in line with assessment
RWSD-HE-0001	HE Sealant - Single Batt - 75mm Flex. Wall	Increased scope added to detail
RWSD-HE-0102	HE Sealant - 100mm Flex. Wall	Supporting evidence amended to UL-EU document
RWSD-HE-0103	HE Sealant - 120mm Flex. Wall	Supporting evidence amended to UL-EU document
RWSD-IFS-0001	IFS - Single / Double Batt - 100mm Flex. Wall	Performance table spacing rationalised, service spacing changed to identical
RWSD-IFS-0101	IFS - 75mm & 100mm Flex. Walls	Incorrect sleeve projection dimension removed
RWSD-IFS-0601	IFS - Floor Seal	Note on non-combustible pipe removed
RWSD-IFS-1003	Oval IFS - Wall seals	Intumescent insert for 220 x 90 size sleeve added
RWSD-SS-0010	SoftSeal to Head of Double Batt Seal	Notes amended - reference to SD-122 removed

Contents

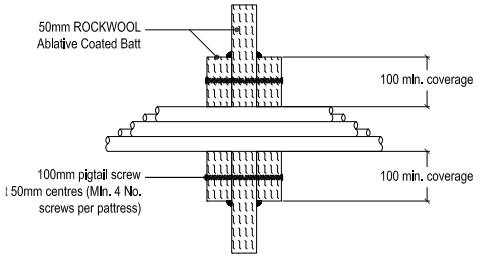


ROCKWOOL® FirePro Standard Details - Fire Stopping Guide

1. ROCKWOOL will not support the mixing of different fire protection manufacturers systems/products of any type in line with ASFP recommendations (ASFP Advisory Note 6), unless proven by fire testing at an accredited fire test laboratory.
2. ROCKWOOL products should be installed in accordance with the relevant product data sheet and within the field of application identified within the standard details. For applications that fall outside of the parameters identified in the standard details or data sheets please contact ROCKWOOL for further guidance.
3. Some on-site applications may be outside the scope of the standard detail pack. Please contact ROCKWOOL in these instances as we may be able to offer a manufacturer technical evaluation. Technical evaluations are an appraisal of the likely performance of the installed ROCKWOOL products in that application when subjected to a fire resistance test. They are offered in lieu of direct formal testing and are based upon ROCKWOOL's experiences of product performance during fire resistance testing. For this reason, before installation, technical evaluations used on-site should be reviewed and accepted by Building Control and/or the scheme Fire Officer or the overseeing body for the project. ROCKWOOL have adopted the processes outlined in the PFPF guide to manage the conflict of interest inherent with a manufacturers technical evaluation compared to an assessment developed by UKAS accredited third party, allowing for a clear a rigorous examination of the proposal by the approving body
4. All openings for penetrations within the dry lining system shall be framed and lined. As a reflection of the fire test standard, all partitions are based upon single-skin, or double-skin flexible wall constructions. Shaft walls are not covered by standard flexible wall constructions and should be treated independently. For the interchangeability of tested wall types please refer to ASFP Advisory Note 15. Face-fix options, with ROCKWOOL Ablative Coated Batt, are available, but please check for its suitability against the site conditions.
5. For solutions in sandwich panel or composite wall constructions please contact ROCKWOOL technical.
6. Design of the opening for penetrations, and its fire stopping, should correspond to the integrity and insulation requirements of the host wall or floor, unless leniency on the insulation rating is provided by the fire officer or overseeing body via a derogation.
7. Under the CPR it is a requirement that fire dampers are CE marked and as such that they are installed (and fire stopped) in line with the relevant damper manufacturer's installation guides. Damper manufacturers can now provide a tested fire stopping solution for sealing around their damper systems. Therefore, ROCKWOOL's default position is to guide the Client and/or Installer to contact the relevant damper manufacturer for its tested and certified fire stopping solution.
8. Services of different types can pass through the same penetration seal, with the exception of ducts and dampers which should pass exclusively through its own opening, as per the EN test guidance. Where services of different types pass through the same opening (i.e. a duct passes through the same opening as a pipe) please contact ROCKWOOL.
9. Service support positions should be installed as a reflection of the fire test as per industry and ASFP guidance (ASFP Advisory Note 8). Support for services passing through walls should generally be within 400mm on each side. Services passing through floors should be supported above the floor.
10. With reference to penetration spacings, please refer to the performance tables within the relevant ROCKWOOL standard detail. If no dimension is given, for service or aperture separation, then the separation is 100mm in line with BS EN 1366-3:2021.
11. In line with BS EN 1366-3:2021 steel cable carriers, ladders and/or trays can be any width. Please refer to the relevant standard detail for the limiting performance of cable trays, ladders and cables.
12. Where specific mechanical fixings are referenced in the details equivalent products may be used under the expert guidance of the relevant fixing manufacturer. The fixing should match in terms of overall length/embedment and be suitable for the substrate.



SINGLE 50MM ABLATIVE COATED BATT IN FLEXIBLE WALL



ADDITIONAL CABLE PROTECTION
TO ACHIEVE INSULATION RATING

PERFORMANCE TABLE:

SINGLE 50MM ABALTIVE COATED BATT 100MM WALL

Service type		Substrate	Seal	Service treatment	Classification		Spacing	
					Integrity	Insulation	Aperture	Identical Services
Blank seal	≤ 1200 x 1200	100mm Flexible Wall Construction or Masonry Wall	1no, 50mm Ablative Coated Batt		60	60	N/A	N/A
Electrical cables	≤ Ø≤15mm				60	60	55mm	0mm
	Ø16mm - 21mm				60	30	55mm	0mm
	Ø22mm - 50mm				60	60	55mm	0mm
	Ø51mm - 80mm				60	30	0mm	0mm
Electrical cables	Ø16mm - 21mm			Additional pattress to both faces	60	60	55mm	0mm
	Ø51mm - 80mm				60	60	0mm	0mm
Cable tray	≤ 500mm (w) x 60mm (h) x 1.5mm (t)				60	30	55mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				60	60	0mm	0mm
Telecomm cables	≤ Ø100mm bundle				60	60	55mm	0mm
Unsheathed cables	≤ Ø24mm				60	30	55mm	0mm
Steel or copper conduits	≤ Ø16mm				60	-	55mm	0mm
Plastic conduits	≤ Ø16mm				60	30	55mm	0mm
Steel pipe	≤ 219mm			1000mm length of 25mm H&V pipe section (L/S)	60	60	0mm	0mm
Copper pipe	≤ 159mm				60	60	0mm	0mm
Copper & Steel pipes	≤ 159mm				60	-	0mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence : WF335645 / WF 333352 / WF 411464 / WF 411458 (BS EN 1366-3)

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should be a minimum thickness of 100mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

ROCKWOOL Rocklap H&V Pipe Section to be installed in a continuous, 1000mm, locally sustained (L/S) length centrally through or, locally interrupted (L/I) 500mm either side of the Ablative Coated Batt seal. ROCKWOOL Rocklap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in the ROCKWOOL Insulated Fire Sleeve (IFS) details CE Collar Details (COL) and ROCKWOOL High Expansion Intumescent Sealant (HE) details.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL

Refer to relevant product datasheet for further installation guidelines. These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 60 Minutes	Up to 60 Minutes

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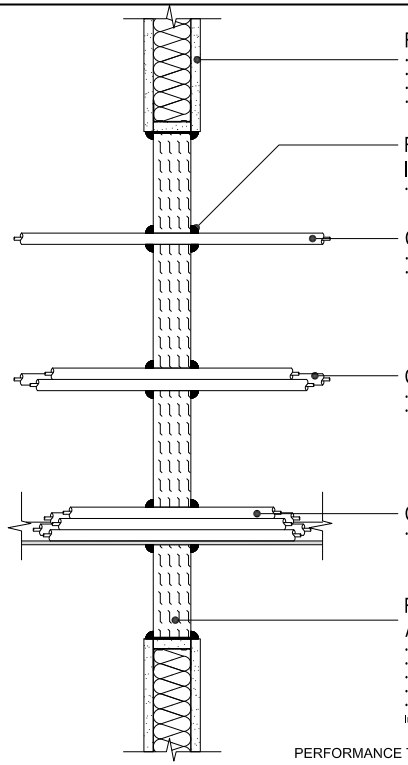
Drawing Title:
ROCKWOOL FIREPRO® 50mm Ablative Coated Batt
Single Batt - Double Skin

Scale:	Date:	
1:10	FEB 22	
Sheet Size: A3	Drawn By: L.HAM	Checked By: S.HIRONS
Drawing Number: RWSD-ACB-0001		Revision: -



Flexible wall
- min. 75mm thick
- Aperture framed and lined as per wall manufacturers details
- min. 1no. 12.5mm board layers
- Fire rated to at least the same fire rating as the firestop seal

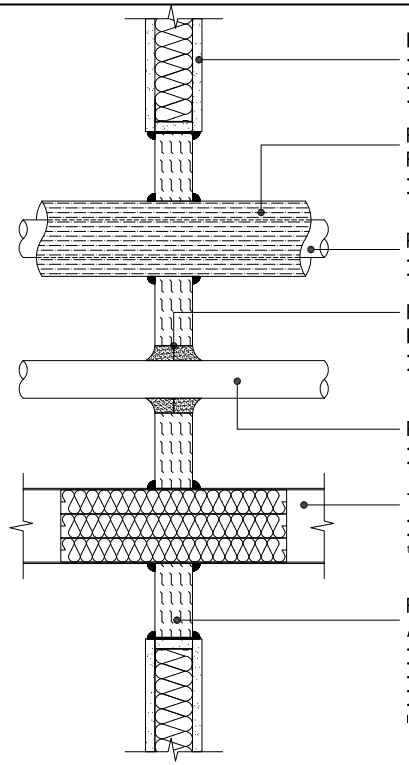
ROCKWOOL FIREPRO® Acoustic Intumescent Sealant
- 15mm approx. bead

Cable - Single
- max. Ø 80mm
- Sealed to Ablative Coated Batt with Acoustic Intumescent Sealant

Cable - Bundle
- max. Ø 100mm
- Sealed to Ablative Coated Batt with Acoustic Intumescent Sealant

Cable Tray / Ladder
- Sealed to Ablative Coated Batt with Acoustic Intumescent Sealant

ROCKWOOL FIREPRO® 50mm Ablative Coated Batt
- 50mm thickness
- Installed in 1no. layer within the aperture
- Max. 1200mm x 1200mm aperture
- Edges of the batt to be buttered with Acoustic Intumescent Sealant
- All batt-to-batt and batt-to-substrate joints to be sealed with Acoustic Intumescent Sealant



Flexible wall
- min. 75mm thick
- Aperture framed and lined as per wall manufacturers details
- min. 1no. 12.5mm board layers
- Fire rated to at least the same fire rating as the firestop seal

ROCKWOOL Fire Tube, or Rocklap H&V Pipe Section
- 25mm thickness
- Installed as 1000mm length locally sustained, centrally, through seal.

Pipe - Non-combustible
- max. Ø 159mm copper pipe
- max. Ø 219mm steel pipe

ROCKWOOL FIREPRO® High Expansion Sealant
- 20mm Annular
- Full depth - 50mm

Pipe - Combustible
- max. Ø 73mm
- PVC (including cPVC)

Trunking
- max. 300mm x 150mm
- ROCKWOOL RWA45 Insulation cut in min. 300mm long strips and tightly packed central to Ablative Coated Batt seal

ROCKWOOL FIREPRO® 50mm Ablative Coated Batt
- 50mm thickness
- Installed in 1no. layer within the aperture
- Max. 1200mm x 1200mm aperture
- Edges of the batt to be buttered with Acoustic Intumescent Sealant
- All batt-to-batt and batt-to-substrate joints to be sealed with Acoustic Intumescent Sealant

PERFORMANCE TABLE:

Service type			Substrate	Seal	Service Treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
SINGLE 50MM ABALTIVE COATED BATT 75MM WALL - PIPE PENETRATIONS									
Blank seal	≤	1200 x 1200	75mm thick flexible wall construction	50mm Ablative Coated Batt	N/A	30	30	N/A	N/A
	≤	600 x 900				60	60	N/A	N/A
Steel pipe	≤	219mm			1000mm length of 25mm H&V pipe section L/S	60	60	0mm	0mm
Copper pipe	≤	159mm				60	60	0mm	0mm
Copper pipe	≤	42mm				60	60	0mm	0mm
Copper & Steel pipe	≤	159mm			N/A	60	-	0mm	100mm
CPVC	≤	73mm x 11mm			High Expansion Sealant 20mm annular - full depth (50mm)	60	60	40mm	70mm
SINGLE 50MM ABALTIVE COATED BATT 75MM WALL - CABLES									
Electrical cables	≤	Ø ≤21mm	75mm thick flexible wall construction	50mm Ablative Coated Batt	N/A	30	30	0mm	0mm
	≤	Ø 22-50mm				30	30	0mm	0mm
	≤	Ø 51 - 80mm				30	30	0mm	0mm
Perforated Tray	≤	500mm (w) x 25mm (d) x 1.0mm (t)				30	30	0mm	0mm
Cable ladder	≤	350mm (w) x 125mm (d) x 1.5mm (t)				30	30	0mm	0mm
Telecomm cables	≤	Ø 100mm bundle				30	30	0mm	0mm
Unsheathed cables	≤	Ø 24mm				30	30	0mm	0mm
PVC conduits	≤	Ø 16mm				30	30	0mm	0mm
Copper Conduits	≤	Ø 16mm				30	-	0mm	0mm
Steel Trunking	≤	150mm x 150mm			300mm length full depth RWA45 (45 kg/m3) stonewool positioned centrally to the seal	60	60	0mm	100mm
	≤	300mm x 150mm				60	30	0mm	100mm

ROCKWOOL Standard Detail:

Supporting Test Data :
WF 411458 / WF 411460 / WF 411464 (EN1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should be a minimum thickness of 75mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

ROCKWOOL Rocklap H&V Pipe Section to be installed in a continuous, 1000mm, locally sustained (L/S) length centrally through the Ablative Coated Batt seal. ROCKWOOL Rocklap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in the ROCKWOOL Insulated Fire Sleeve (IFS) details, ROCKWOOL CE Collar (COL) details and ROCKWOOL High Expansion Intumescent Sealant (HE) details.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL

Refer to relevant product datasheet for further installation guidelines. These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up To 60 minutes	Up To 60 minutes

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Drawing Title:
ROCKWOOL FIREPRO® 50mm Ablative Coated Batt
75mm Flexible Wall - 1no. 12.5mm Board - Application

Scale:	Date:	
NTS	JUL 22	
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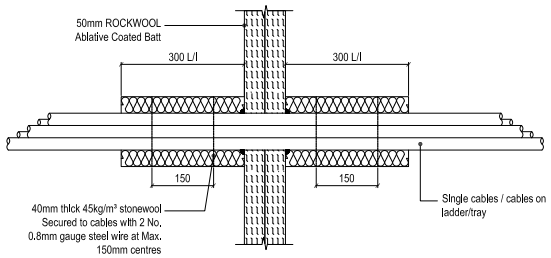
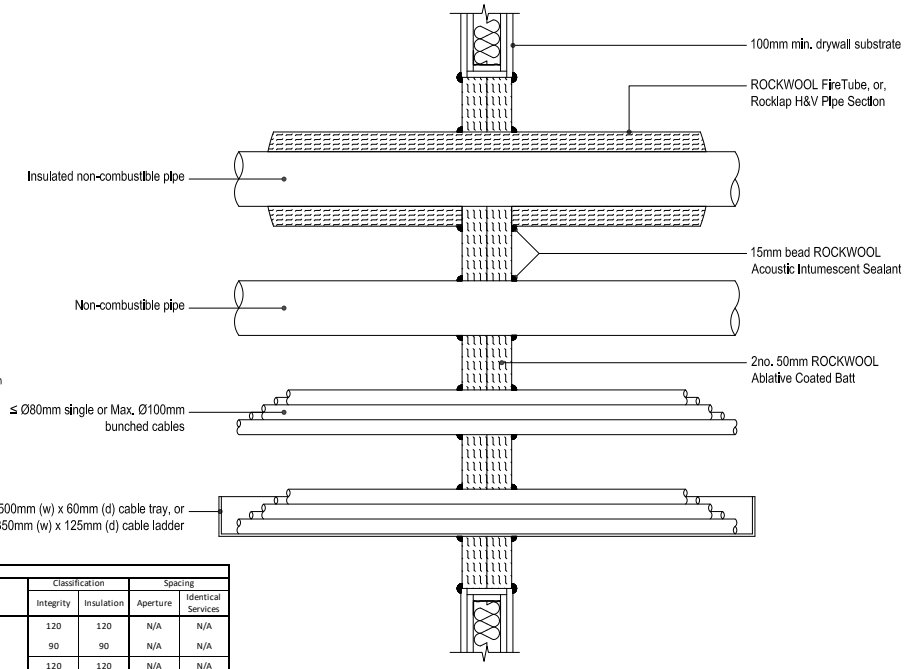
A3	RW TECH	L.HAM
Drawing Number:		Revision:
RWSD-ACB-0002		C



ADDITIONAL CABLE PROTECTION
TO ACHIEVE INSULATION RATING



DOUBLE 50MM ABLATIVE COATED BATT IN FLEXIBLE WALL

PERFORMANCE TABLE:

DOUBLE 50MM ABALTIVE COATED BATT 100MM WALL - NON COMBUSTIBLE PIPES									
Service type			Substrate	Seal	Service Treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	1200 x 900	100mm Flexible Wall Construction or Masonry Wall	2 No. 50mm Ablative Coated Batts	N/A	120	120	N/A	N/A
	≤	2600 x 2600				90	90	N/A	N/A
	≤	1100 x 1100	150mm Masonry Wall			120	120	N/A	N/A
Steel pipe	≤	168mm	100mm Flexible Wall Construction or Masonry Wall		1000mm length of 40mm H&V pipe section L/S	120	120	0mm	0mm
Copper pipe	≤	108mm				120	120	0mm	0mm
Steel pipe	≤	168mm			1000mm length of 25mm H&V pipe section L/S	120	90	0mm	0mm
Copper pipe	≤	108mm				120	90	0mm	0mm
Copper pipe	≤	42				120	120	100mm	100mm
Steel pipes	≤	219mm			N/A	120	15	0mm	100mm
Steel pipe	≤	610mm	100mm Masonry Wall Construction		1000mm length of 40mm H&V pipe section L/S	180	60	0mm	100mm
Steel pipe	≤	610mm			N/A	180	15	0mm	100mm
Steel pipe	≤	324mm			300mm length of Ablative Liquid 2mm DFT (L/l)	120	45	100mm	100mm
Copper pipe	≤	159mm				120	15	100mm	100mm
DOUBLE 50MM ABALTIVE COATED BATT 100MM WALL - CABLES									
Electrical cables	≤	Ø ≤21mm	100mm Flexible Wall Construction or Masonry Wall	2 No. 50mm Ablative Coated Batts	N/A	120	90	0mm	0mm
	≤	Ø 22-50mm				120	60	0mm	0mm
	≤	Ø 51 - 80mm				90	60	0mm	0mm
Perforated Tray	≤	500mm (w) x 60mm (d) x 1.0mm (t)				120	90	0mm	0mm
Cable ladder	≤	350mm (w) x 125mm (d) x 1.5mm (t)				90	90	0mm	0mm
Telecomm cables	≤	Ø 100mm bundle				120	90	0mm	0mm
Unsheathed cables	≤	Ø 24mm				120	45	0mm	0mm
PVC conduits	≤	Ø 16mm				120	90	0mm	0mm
Copper Conduits	≤	Ø 16mm				120	15	0mm	0mm
Electrical cables	≤	Ø ≤21mm	150mm Masonry Wall		40mm thick 45kg/m3 stonewool lagging (RWA45) L/l 300mm	120	120	100mm	0mm
	≤	Ø 22mm - 80mm				120	90	100mm	0mm
Cable tray	≤	500mm (w) x 60mm (h) x 1.5mm (t)				120	120	100mm	0mm
Cable ladder	≤	350mm (w) x 125mm (d) x 1.5mm (t)				120	120	100mm	0mm
Telecomm cables	≤	Ø 100mm bundle				120	120	100mm	0mm
Unsheathed cables	≤	Ø 24mm				120	120	100mm	0mm

ROCKWOOL Standard Detail:

Supporting Evidence: WF335645 / UL-EU-01208 / WF 411452
WF 406434 / WF 407899 / WF 411468 / WF 411453

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should be a minimum thickness of 100mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

ROCKWOOL Rocklap H&V Pipe Section to be installed in a continuous, 1000mm, locally sustained (L/S) length centrally through the Ablative Coated Batt seal. ROCKWOOL Rocklap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in the ROCKWOOL Insulated Fire Sleeve (IFS) details CE Collar Details (COL) and ROCKWOOL High Expansion Intumescent Sealant (HE) details.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL

Refer to relevant product datasheet for further installation guidelines. These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

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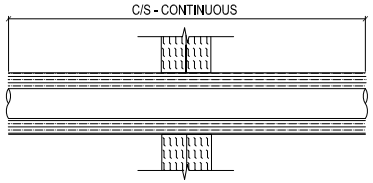
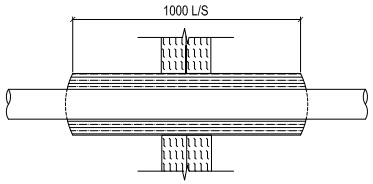
Drawing Title:
ROCKWOOL FIREPRO® 50mm Ablative Coated Batt
Double Layer Application Range

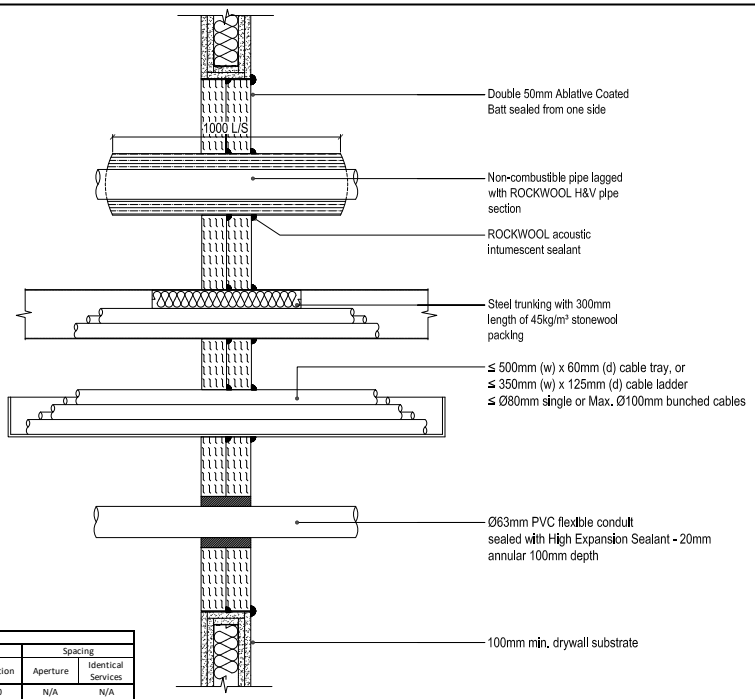
Scale:	Date:	
1:10	AUG 23	
Sheet Size: A3	Drawn By: S.HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-0101		Revision: A



C/S - CONTINUED SUSTAINED PIPE LAGGING



L/S - LOCALLY SUSTAINED PIPE LAGGING



DOUBLE 50MM ABLATIVE COATED BATT IN FLEXIBLE - SINGLE SIDED INSTALL

PERFORMANCE TABLE:

DOUBLE 50MM ABALTIVE COATED BATT 100MM WALL - SINGLE SIDED INSTALL

Service type			Substrate	Seal	Service Treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	1200 x 600	100mm Flexible Wall Construction or Masonry Wall	2 No. 50mm Ablative Coated Batts (Single sided install)	N/A	120	120	N/A	N/A
Electrical cables	≤	Ø ≤21mm				120	60	0mm	0mm
	≤	Ø 22-50mm				120	60	0mm	0mm
	≤	Ø 51 - 80mm				90	60	0mm	0mm
Perforated Tray	≤	500 x 60 x 1.0mm				120	60	0mm	0mm
Cable ladder	≤	350mm (w) x 125mm (d) x 1.5mm (t)				90	90	0mm	0mm
Telecomm cables	≤	Ø 100mm bundle				120	90	0mm	0mm
Unsheathed cables	≤	Ø 24mm				120	45	0mm	0mm
PVC conduits	≤	Ø 16mm				120	90	0mm	0mm
Copper Conduits	≤	Ø 16mm				120	15	0mm	0mm
Steel	≤	168mm			1000mm length of 40mm H&V pipe section L/S	120	120	0mm	0mm
Copper	≤	42				120	120	0mm	0mm
Copper	≤	108mm				120	90	0mm	0mm
Copper	≤	108mm			1000mm length of 40mm H&V pipe section **C/S**	120	120	0mm	0mm
Steel	≤	168mm			1000mm length of 25mm H&V pipe section L/S	120	60	0mm	0mm
Copper	≤	42mm				120	90	0mm	0mm
Copper	≤	108mm				120	30	0mm	0mm
Steel	≤	60mm			1000mm length of 20mm H&V pipe section L/S	120	120	0mm	100mm
Copper	≤	15mm				120	120	0mm	100mm
Copper	≤	159mm			N/A	120	-	0mm	100mm
Steel	≤	219mm				120	15	0mm	100mm
Pvc flexible conduit	≤	63mm - 5 No. small cables ≤21mm			High expansion sealant - 20mm annular 100mm depth	90	90	0mm	0mm
Steel trunking	≤	100mm x 100mm - with 100mm cable bundle (≤21mm)			300mm length of 45 Kg/m³ stonewool	120	90	0mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence : WF 385718/WF 407899/WF 411297

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should be a minimum thickness of 100mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

ROCKWOOL Rockiap H&V Pipe Section to be installed in a continuous, 1000mm, locally sustained (L/S) length centrally through the Ablative Coated Batt seal. ROCKWOOL Rockiap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in the ROCKWOOL Insulated Fire Sleeve (IFS) details.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL

Refer to relevant product datasheet for further installation guidelines. These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
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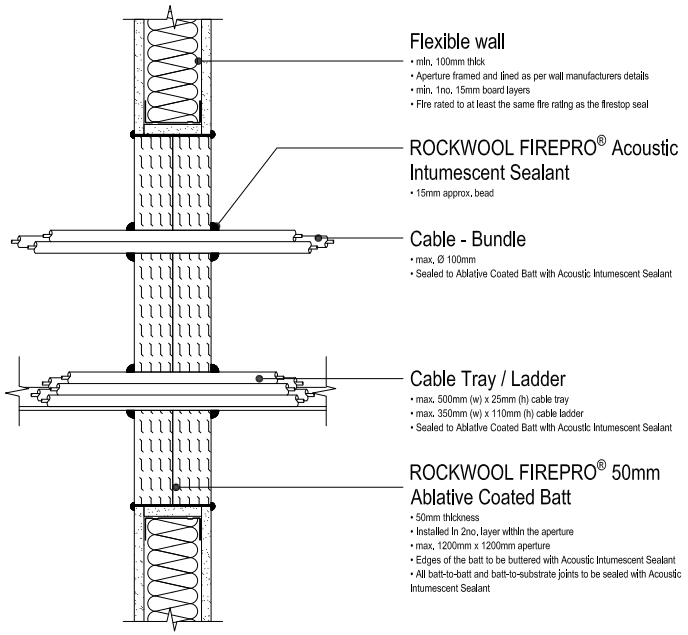
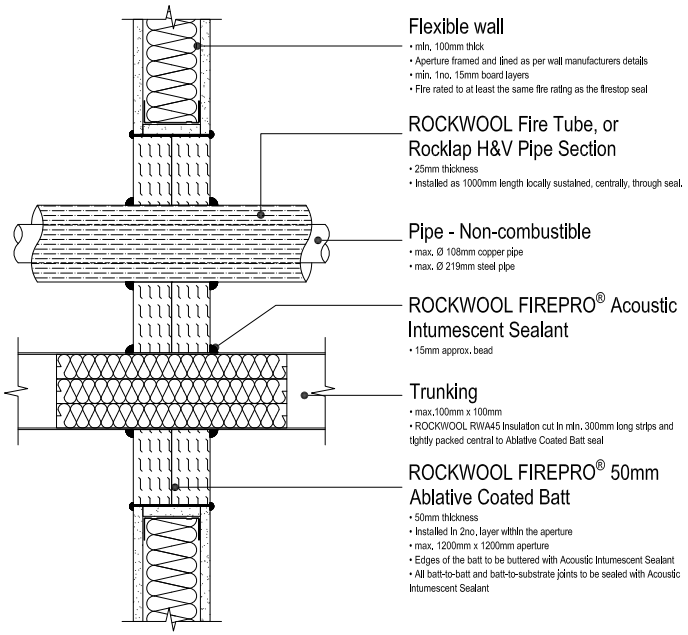
Drawing Title:
50mm Ablative Coated Batt
Single-sided aperture seal

Scale:	Date:	
NTS	SEP 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-ACB-0102		Revision: A





PERFORMANCE TABLE:

DOUBLE 50MM ABALTIVE COATED BATT SINGLE SKIN 100MM WALL - NON COMBUSTIBLE PIPES									
Service type			Substrate	Seal	Service Treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	1200 x 1200	100mm Flexible Wall Construction or Masonry Wall	2 No. 50mm Ablative Coated Batts	N/A	60	60	N/A	N/A
Steel pipe	≤	168mm			1000mm length of 25mm H&V pipe section L/S	60	60	0mm	0mm
Copper pipe	≤	108mm				60	60	0mm	0mm
Copper pipe	≤	42				60	60	100mm	100mm
Steel pipes	≤	219mm			N/A	60	15	0mm	100mm
DOUBLE 50MM ABALTIVE COATED BATT SINGLE SKIN 100MM WALL - CABLES									
Electrical cables	≤	Ø ≤21mm	100mm Flexible Wall Construction or Masonry Wall	2 No. 50mm Ablative Coated Batts	N/A	60	60	0mm	0mm
	≤	Ø 22-50mm				60	60	0mm	0mm
	≤	Ø 51 - 80mm				60	60	0mm	0mm
Perforated Tray	≤	500mm (w) x 25mm (d) x 1.0mm (t)				60	60	0mm	0mm
Cable ladder	≤	350mm (w) x 125mm (d) x 1.5mm (t)				60	60	0mm	0mm
Telecomm cables	≤	Ø 100mm bundle				60	60	0mm	0mm
Unsheathed cables	≤	Ø 24mm				60	45	0mm	0mm
PVC conduits	≤	Ø 16mm				60	60	0mm	0mm
Copper Conduits	≤	Ø 16mm				60	15	0mm	0mm
Steel Trunking	≤	100mm x 100mm (Small Cables ≤21mm)			300mm length full depth of RWA45 (45 kg/m3) positioned centrally to seal	60	60	0mm	30mm

ROCKWOOL Standard Detail:

Supporting Test Data :
WF 432500 (EN1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should be a minimum thickness of 100mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

ROCKWOOL Rocklap H&V Pipe Section to be installed in a continuous, 1000mm, locally sustained (L/S) length centrally through the Ablative Coated Batt seal. ROCKWOOL Rocklap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in the ROCKWOOL Insulated Fire Sleeve (IFS) details CE Collar Details (COL) and ROCKWOOL High Expansion Intumescent Sealant (HE) details.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL

Refer to relevant product datasheet for further installation guidelines. These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
60 minutes	60 minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® 50mm Ablative Coated Batt
100mm Flexible Wall - 1no.Board - Application

Scale:	Date:	
NTS	JUL 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-0103		Revision: B

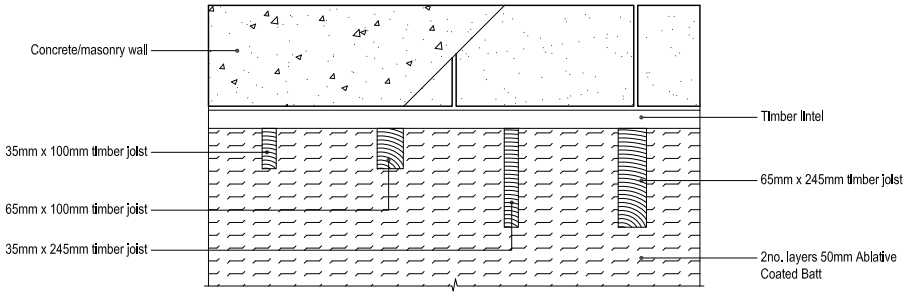
INSTALLATION NOTES

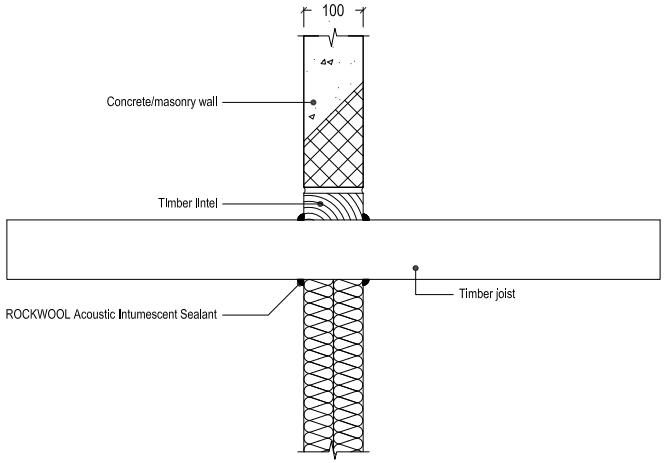
1. Cut the Ablative Coated Batt so that it tightly accommodates the timber penetration.

2. Apply ROCKWOOL Acoustic Intumescent Sealant liberally around all edges, of the Ablative Coated Batt, before offering the batt up to the timber section.

3. If the batt needs to be jointed with another batt, follow a stretcher bond arrangement to stagger the joints and apply Acoustic Intumescent Sealant to all meeting edges, including batt-to-batt and batt-to-substrate edges, following the Ablative Coated Batt standard install details.

4. Repeat the process on the opposite side of the void to create a double layer of Ablative Coated Batt, ensuring that the joints are staggered.





ROCKWOOL Standard Detail:

Supporting Evidence : WF 380565 (BS EN 1366-3)

This detail is to be read in conjunction with the relevant ROCKWOOL product data sheet.

For head of wall applications with timber penetrations please contact ROCKWOOL technical.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 Minutes	120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
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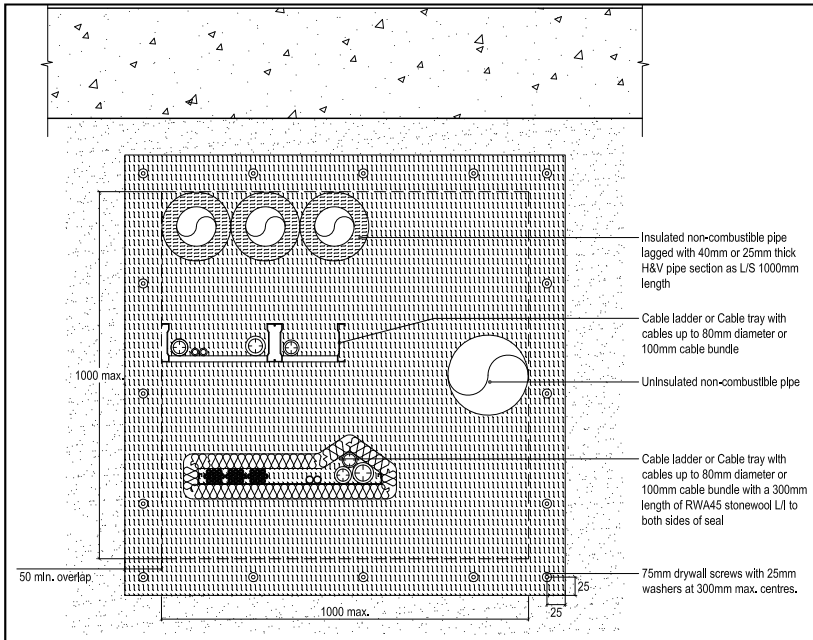
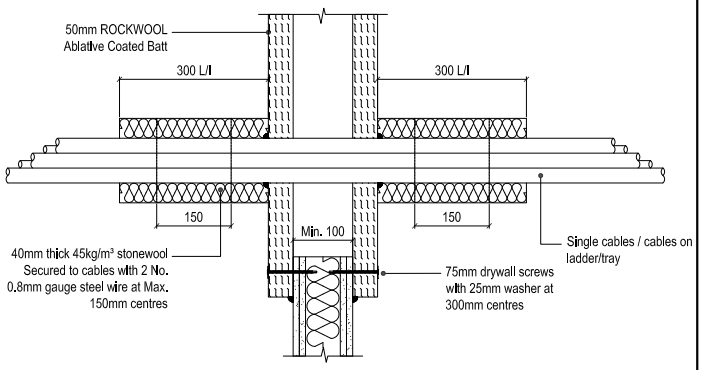
technical.solutions@rockwool.co.uk

Drawing Title:
Timber penetrations through 2no. layer of 50mm Ablative Coated Batt

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-0120		Revision: -





ADDITIONAL CABLE PROTECTION TO ACHIEVE INSULATION RATING

PERFORMANCE TABLE:

DOUBLE 50MM ABALTIVE COATED BATT FACE FIX								
Service type		Substrate	Seal	Service Treatment	Classification		Spacing	
					Integrity	Insulation	Aperture	Identical Services
Blank seal	≤ 1000 x 1000	100mm Flexible Wall Construction or Masonry Wall	2 No. 50mm Ablative Coated Batts Face Fixed	N/A	120	120	N/A	N/A
Electrical cables	≤ Ø ≤21mm				120	90	0mm	0mm
	≤ Ø 22-50mm				120	60	0mm	0mm
	≤ Ø 51 - 80mm				90	60	0mm	0mm
Perforated Tray	≤ 500 mm (w) x 25mm (h) x 1.0mm (t)				120	90	0mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				90	90	0mm	0mm
Telecomm cables	≤ Ø 100mm bundle				120	90	0mm	0mm
Unsheathed cables	≤ Ø 24mm				120	45	0mm	0mm
PVC conduits	≤ Ø 16mm				120	90	0mm	0mm
Copper Conduits	≤ Ø 16mm				120	15	0mm	0mm
Electrical cables	≤ Ø ≤80mm			40mm thick 45kg/m3 stonewool lagging (RWA45) L/I 300mm	120	120	100mm	0mm
Cable tray	≤ 500mm (w) x 60mm (h) x 1.5mm (t)				120	120	100mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				120	120	100mm	0mm
Telecomm cables	≤ Ø 100mm bundle				120	120	100mm	0mm
Steel or copper conduits	≤ Ø 16mm				120	120	100mm	0mm
Plastic conduits	≤ Ø 16mm				120	120	100mm	0mm
Unsheathed cables	≤ Ø 24mm				120	120	100mm	0mm
Steel pipe	≤ 168mm			1000mm length of 40mm H&V pipe section L/S	120	120	0mm	0mm
Copper pipe	≤ 108mm				120	120	0mm	0mm
Steel pipes	≤ 219mm			N/A	120	15	0mm	0mm
Steel pipe	≤ 168mm			1000mm length of 25mm H&V pipe section L/S	90	60	0mm	0mm
Copper pipe	≤ 108mm				90	30	0mm	0mm
Copper pipe	≤ 42				120	120	100mm	100mm
Steel pipe	≤ 610mm	100mm Masonry Wall Construction		1000mm length of 40mm H&V pipe section L/S	180	60	0mm	100mm
Steel pipe	≤ 610mm			N/A	180	15	0mm	100mm
Steel pipe	≤ 324mm			300mm length of Ablative Liquid 2mm DFT (L/S)	120	45	100mm	100mm
Copper pipe	≤ 159mm				120	20	100mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence: UL-EU-01208 / WF 407899 / WF 385718 / WF 411452 / WF 406434

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

The 50mm Rockwool Ablative Coated Batt must be installed with ROCKWOOL Intumescent sealant bedded between the batt and the drywall. A fillet of sealant must be installed at the junction between the batt and the drywall to ensure no gaps are visible between the drywall and the batt. The exposed mineral wool edges should be buttered with a layer of sealant or ablative coating. All batt to batt joints are to receive acoustic Intumescent sealant.

For applications where a 4 sided fix is not possible or if the 50mm overlap onto partition is not possible contact ROCKWOOL.

All service items should be adequately supported either side of the Firestop to ensure that no load is transferred onto the coated batt.

Flexible wall constructions must be Installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 100mm.

ROCKWOOL Rocklap H&V Pipe Section to be installed in a continuous, 1000mm, locally sustained (L/S) length centrally through the Ablative Coated Batt seal. ROCKWOOL Rocklap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in the ROCKWOOL Insulated Fire Sleeve (IFS) details CE Collar Details (COL) and ROCKWOOL High Expansion Intumescent Sealant (HE) details.

Refer to relevant product datasheet for further installation guidelines. These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® 50mm Ablative Coated Batt Face Fix Application Range

Scale:	Date:	
NTS	AUG 23	
Sheet Size: A3	Drawn By: S.HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-0201		Revision: A

INSTALLATION NOTES

1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges.

2. Install the Rockwool Ablative Coated Batts either vertically to a maximum height of 1.2m x any length or horizontally using a stretcher bond pattern up to a maximum height of 2.6m x any length.

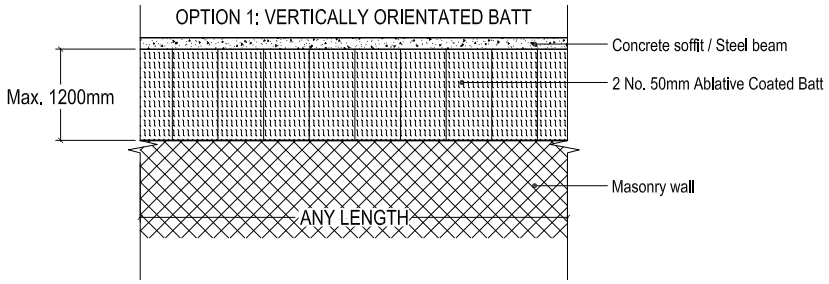
3. Apply Rockwool Acoustic Intumescent Sealant to the outer edges of the batt to seal the joints between batts and supporting substrates.

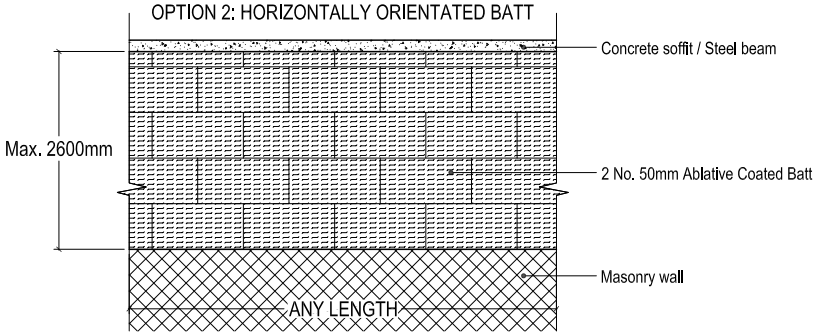
4. Continue installation until the aperture is completely filled.

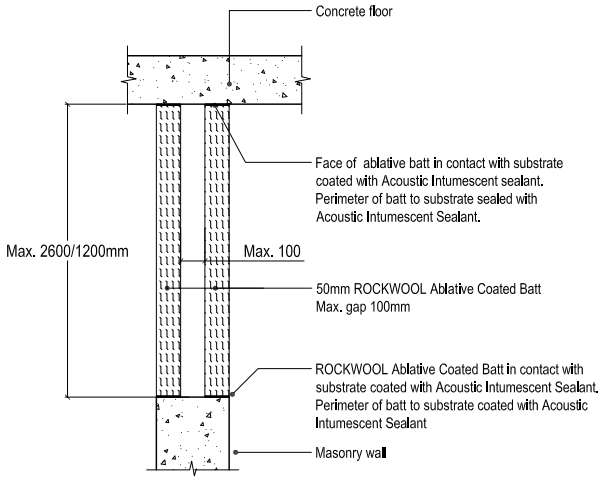
5. Apply a bead of Rockwool acoustic intumescent sealant, approximately 15 mm wide, around the perimeter of the batt ensuring that all gaps between the batt and surrounding edges are fully filled.

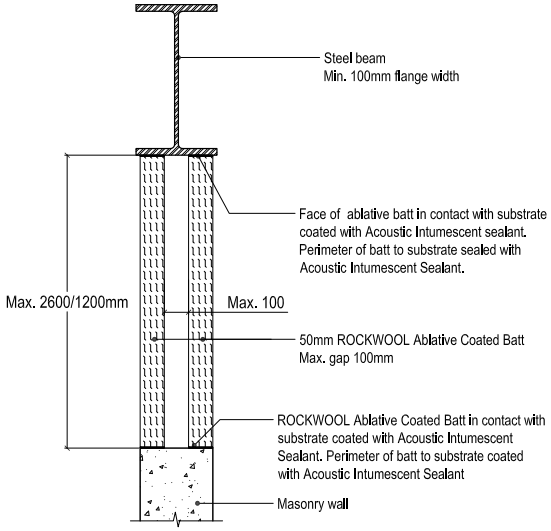
6. Repeat steps 2-5 on the other batt layer ensuring the cavity between ablative batts is no greater than 100mm

7. Repair any damage to the coating which may have occurred during installation by brush applying Rockwool ablative coating.









ROCKWOOL Standard Detail:

Supporting Evidence : WF 311319-3

Maximum Opening Size:

Vertical Batt Joints - 1200m high x any length
Horizontal Batt Joints - 2600m high x any length

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

The cavity between ablative coated batts must not exceed 100mm.

Where the Ablative Coated Batt forms a seal up to a structural beam, which has been protected with intumescent paint then an Insulation rating cannot be given (due to heat transfer through the steel). For applications requiring an insulation rating from the beam then please contact Rockwool Technical for Rockwool Beamclad solutions.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
60 Minutes	60 Minutes / N/A

ROCKWOOL®
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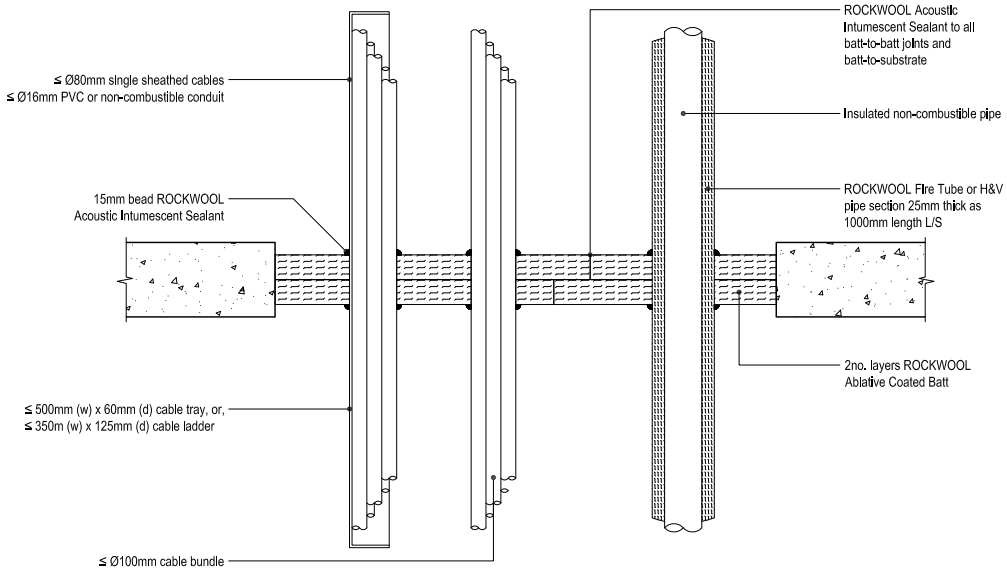
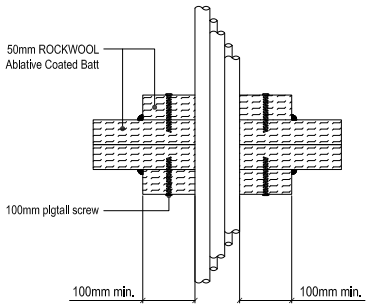
technical.solutions@rockwool.co.uk

Drawing Title:
50mm Ablative Coated Batt:
Double Layer Head of Wall

Scale:	Date:	
NTS	JUN 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-ACB-0301		Revision: -





ADDITIONAL CABLE PROTECTION TO ACHIEVE INSULATION RATING

PERFORMANCE TABLE:

DOUBLE 50MM ABALTIVE COATED BATT 150MM FLOOR								
Service type		Substrate	Seal	Service treatment	Classification		Spacing	
					Integrity	Insulation	Aperture	Identical Services
Blank seal	≤ 1600 x 1100	150mm Concrete Floor (800 kg/m3)	2no, 50mm Ablative Coated Batt	N/A	120	120	N/A	N/A
Electrical cables	≤ Ø ≤15mm				120	90	60mm	0mm
	Ø 16mm - 21mm				120	30	60mm	0mm
	Ø 22mm - 50mm				120	30	60mm	0mm
	Ø 51mm - 80mm				120	30	60mm	0mm
Cable tray	≤ 500mm (w) x 60mm (h) x 1.5mm (t)				120	60	60mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				120	60	60mm	0mm
Telecomm cables	≤ Ø 100mm bundle				120	120	60mm	0mm
Steel or copper conduits	≤ Ø 16mm				120	-	60mm	0mm
Plastic conduits	≤ Ø 16mm				120	90	60mm	0mm
Electrical cables	Ø ≤15mm			Additional 50mm pattress to both faces of batt	120	120	60mm	0mm
	Ø 16mm - 80mm				120	60	60mm	0mm
Cable tray	≤ 500mm (w) x 60mm (h) x 1.5mm (t)				120	90	60mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				120	90	60mm	0mm
Unsheathed cables	≤ Ø 17mm				120	90	60mm	0mm
Copper or steel pipe	≤ Ø 42mm			25mm thick H&V pipe section 1000mm length L/S	120	120	0mm	0mm
Copper or steel pipe	≤ Ø 108mm				120	120	0mm	0mm
Steel pipe	≤ Ø 168mm				120	120	0mm	0mm
Steel pipe	≤ Ø 219mm				120	90	0mm	100mm
Steel pipe	≤ Ø 219mm			40mm thick H&V pipe section 1000mm length L/S	120	120	0mm	100mm
Steel or Copper pipe	≤ 42mm		**700mm x 1100mm Max void**	40mm thick 40 Kg/m3 stonewool (RWA45) lagging 300mm both sides of seal L/I	120	120	100mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence : WF 335645 / WF 330898 / WF 406434 / UL-EU-01208

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

The Floor construction should be of a minimum thickness of 150mm. For thinner substrates please contact ROCKWOOL Technical Solutions.

All service items should be adequately supported either side of the Firestop to ensure that no load is transferred onto the coated batt.

Refer to relevant product data sheets for further installation guidelines.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL.

For combustible service penetrations refer to Insulated Fire Sleeve, CE Collar, Pipe Wrap & High Expansion Sealant Details.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
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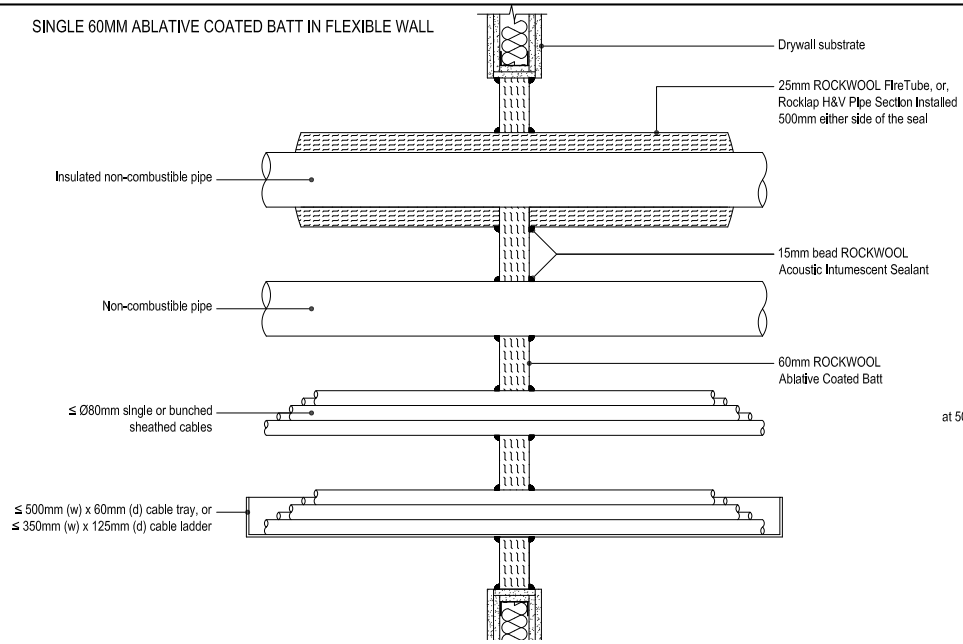
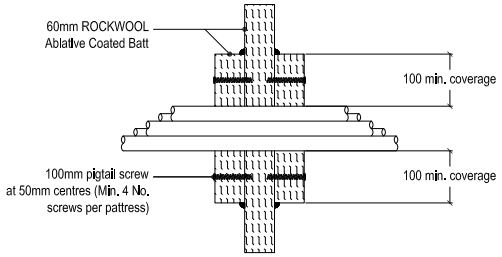
Drawing Title:
ROCKWOOL FIREPRO® 50mm Ablative Coated Batt Double Layer Application Range - Horizontal Seal

Scale:	Date:		
NTS	MAR 22		
Sheet Size:	Drawn By:	Checked By:	
A3	S.HIRONS	L.HAM	
Drawing Number:		Revision:	
RWSD-ACB-0501		-	

SINGLE 60MM ABLATIVE COATED BATT IN FLEXIBLE WALL





ADDITIONAL CABLE PROTECTION TO ACHIEVE INSULATION RATING

PERFORMANCE TABLE

SINGLE 60MM ABALTIVE COATED BATT 100MM WALL

Service type			Substrate	Seal	Service treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	1200mm x 600mm	100mm Flexible Wall Construction or Masonry Wall	1no, 60mm Ablative Coated Batt	N/A	120	120	N/A	N/A
	≤	2.6m x 2.6m			N/A	120	90	N/A	N/A
	≤	1200 x 1200			N/A	60	60	N/A	N/A
Electrical cables	≤	Ø ≤21mm	150mm masonry wall		N/A	120	60	0mm	0mm
		Ø 22mm - 50mm			N/A	120	60	0mm	0mm
		Ø 51mm - 80mm			N/A	60	60	0mm	0mm
Telecomm cables	≤	Ø 100mm bundle			N/A	60	60	0mm	0mm
Cable ladder	≤	350mm (w) x 125mm (d) x 1.5mm (t)			N/A	120	60	0mm	0mm
Electrical cables	≤	Ø ≤21mm	100mm Flexible Wall Construction or Masonry Wall		N/A	90	60	0mm	0mm
		Ø 22mm - 50mm			N/A	60	60	55mm	0mm
		Ø 51mm - 80mm			N/A	60	30	0mm	0mm
		Ø 51mm - 80mm			Additional pattress to both faces	60	60	0mm	0mm
Cable tray	≤	500mm (w) x 60mm (h) x 1.5mm (t)			N/A	60	30	0mm	0mm
Cable ladder	≤	350mm (w) x 125mm (d) x			N/A	60	30	0mm	0mm
Telecomm cables	≤	Ø 100mm bundle			N/A	60	30	0mm	0mm
Unsheathed cables	≤	Ø 24mm			N/A	60	30	0mm	0mm
Steel or copper conduits	≤	Ø 16mm			N/A	90	-	0mm	0mm
Plastic conduits	≤	Ø 16mm			N/A	90	60	0mm	0mm
Steel trunking	≤	300mm x 150mm x 1mm (Small cables ≤ 21mm or 100mm bundle)			300mm length of 45Kg/m3 stonewool (RWA45) positioned centrally to the seal	120	30	100mm	100mm
Steel pipe	≤	219mm			1000mm length of 25mm H&V pipe section (L/S)	60	60	0mm	0mm
Copper pipe	≤	159mm				60	60	0mm	0mm
Copper pipe	≤	108mm			N/A	120	-	100mm	100mm
Steel pipe	≤	168mm			N/A	120	-	100mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence : A08152 / WF 407898 / WF 398663 / WF 335645 / WF 411464 (BS EN 1366-3)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Flexible wall construction must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The Wall construction should be of a minimum thickness of 100mm.

All service items should be adequately supported either side of the Firestop to ensure that no load is transferred onto the coated batt.

ROCKWOOL Rocklap H&V Pipe Section to be Installed in a continuous, 1000mm, locally sustained (L/S) length centrally through or, locally interrupted (L/I) 500mm either side of the Ablative Coated Seal. ROCKWOOL Rocklap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in the ROCKWOOL Insulated Fire Sleeve (IFS) detail, CE Collar Details (COL) and ROCKWOOL High Expansion Intumescent Sealant (HE) details.

Refer to relevant product data sheets for further installation guidelines.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL:

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®

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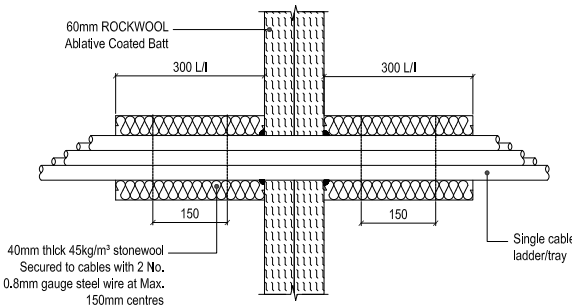
t: 01656 868490
technical.solutions@rockwool.co.uk

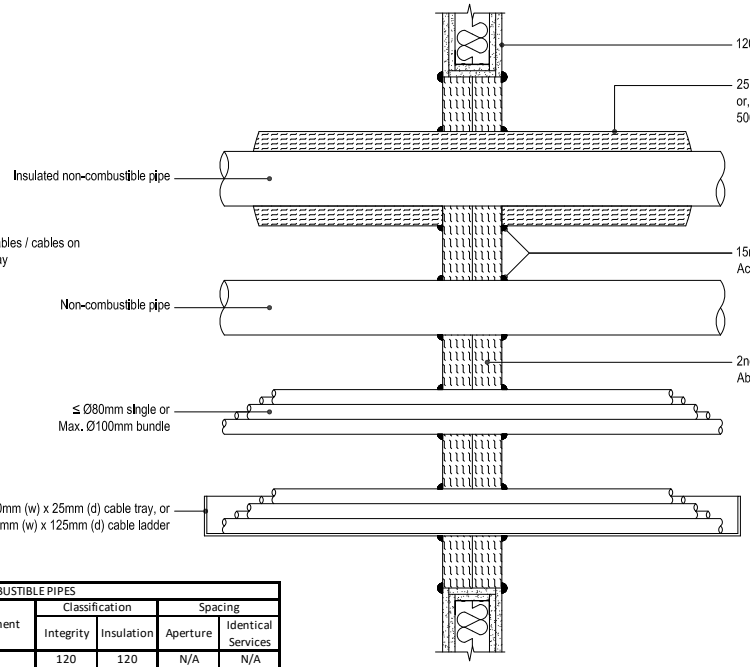
Drawing Title:

ROCKWOOL FIREPRO® 60mm Ablative Coated Batt
Single Layer Application Range - Double Skin Wall

Scale:	Date:	
1:10	AUG 23	
Sheet Size: A3	Drawn By: S.HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-1001		Revision: A



ADDITIONAL CABLE PROTECTION
TO ACHIEVE INSULATION RATING



DOUBLE 60MM ABLATIVE COATED
BATT SEAL

PERFORMANCE TABLE:

Service type		Substrate	Seal	Service Treatment	Classification		Spacing	
					Integrity	Insulation	Aperture	Identical Services
DOUBLE 60MM ABALTIVE COATED BATT 120MM WALL - NON COMBUSTIBLE PIPES								
Blank seal	≤ 1200 x 900	100mm Flexible Wall	2 No. 60mm ablative Coated Batts	N/A	120	120	N/A	N/A
	≤ 2600 x 2600				90	90	N/A	N/A
	≤ 1100 x 1100	150mm Masonry Wall			120	120	N/A	N/A
Steel pipe	≤ 168mm	100mm Flexible Wall Construction or Masonry Wall		1000mm length of 40mm H&V pipe	120	120	0mm	0mm
Copper pipe	≤ 108mm				120	120	0mm	0mm
Steel pipe	≤ 168mm			1000mm length of 25mm H&V pipe section L/S	90	60	0mm	0mm
Copper pipe	≤ 108mm				90	30	0mm	0mm
Copper pipe	≤ 42				120	120	100mm	100mm
Steel pipes	≤ 219mm			N/A	120	15	0mm	100mm
Steel pipe	≤ 610mm	100mm Masonry Wall Construction		1000mm length of 40mm H&V pipe section L/S	120	60	0mm	100mm
Steel pipe	≤ 610mm			N/A	120	15	0mm	100mm
Steel pipe	≤ 324mm			300mm length of Ablative Liquid 2mm	120	45	100mm	100mm
Copper pipe	≤ 159mm				120	15	100mm	100mm
DOUBLE 60MM ABALTIVE COATED BATT 120MM WALL - CABLES								
Electrical cables	≤ Ø ≤21mm	100mm Flexible Wall Construction or Masonry Wall	2 No. 60mm ablative Coated Batts	N/A	120	90	0mm	0mm
	≤ Ø 22-50mm				120	60	0mm	0mm
	≤ Ø 51 - 80mm				90	60	0mm	0mm
Perforated Tray	≤ 500 x 25 x 1.0mm				120	90	0mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				90	90	0mm	0mm
Telecomm cables	≤ Ø 100mm bundle				120	90	0mm	0mm
Unsheathed cables	≤ Ø 24mm				120	45	0mm	0mm
PVC conduits	≤ Ø 16mm				120	90	0mm	0mm
Copper Conduits	≤ Ø 16mm				120	15	0mm	0mm
Electrical cables	≤ Ø ≤21mm	150mm Masonry Wall		40mm thick 45kg/m3 stonewool lagging (RWA45) L/I 300mm	120	120	100mm	0mm
	≤ Ø 22mm - 80mm				120	90	100mm	0mm
Cable tray	≤ 500mm (w) x 60mm (h) x 1.5mm (t)				120	120	100mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				120	120	100mm	0mm
Telecomm cables	≤ Ø 100mm bundle				120	120	100mm	0mm
Unsheathed cables	≤ Ø 24mm				120	120	100mm	0mm

ROCKWOOL Standard Detail:

Supporting Evidence: WF335645 / UL-EU-01208 / WF 411452
WF 406434 / WF 407899 / WF 411468 / WF 411453

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Flexible wall construction must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The Wall construction should be of a minimum thickness of 120mm.

All service items should be adequately supported either side of the Firestop to ensure that no load is transferred onto the coated batt.

ROCKWOOL Rocklap H&V Pipe Section to be Installed in a continuous, 1000mm, locally sustained (L/S) length centrally through or, locally interrupted (L/I) 500mm either side of the Ablative Coated Batt seal. ROCKWOOL H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Refer to relevant product data sheets for further installation guidelines.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

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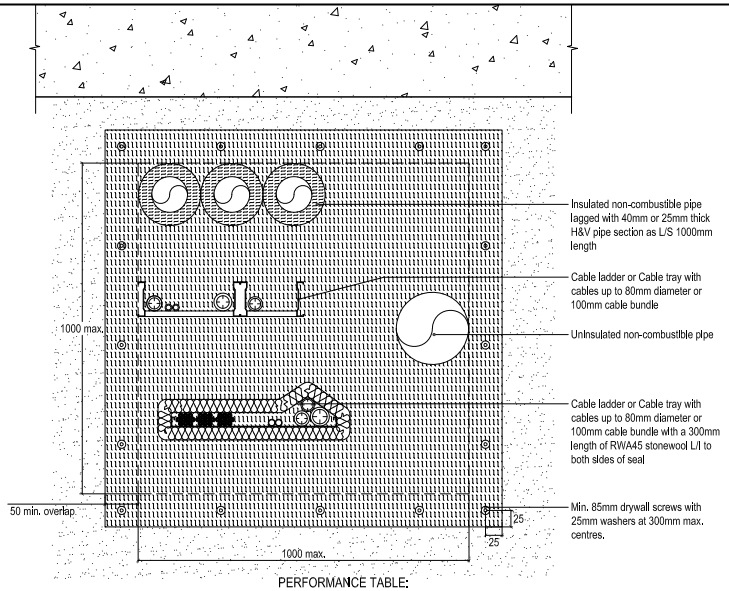
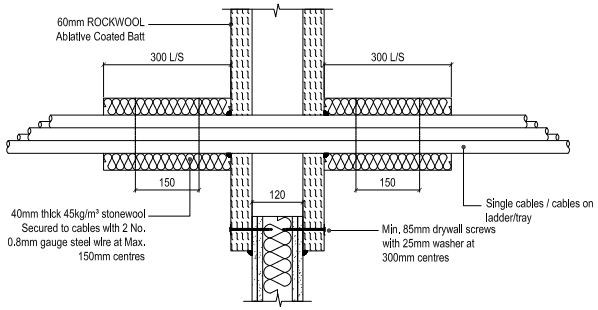
Drawing Title:
ROCKWOOL FIREPRO® 60mm Ablative Coated Batt
Double Layer Application Range

Scale:	Date:	
NTS	MAR 22	
Sheet Size: A3	Drawn By: S.HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-1101		Revision: -



PERFORMANCE TABLE:



ADDITIONAL CABLE PROTECTION TO ACHIEVE INSULATION RATING

DOUBLE 60MM ABALTIVE COATED BATT FACE FIX

Service type		Substrate	Seal	Service Treatment	Classification		Spacing	
					Integrity	Insulation	Aperture	Identical Services
Blank seal	≤ 1000 x 1000	100mm Flexible Wall Construction or Masonry Wall	2 No. 60mm Ablative Coated Batts Face Fixed	N/A	120	120	N/A	N/A
Electrical cables	≤ Ø ≤21mm				120	90	0mm	0mm
	≤ Ø 22-50mm				120	60	0mm	0mm
	≤ Ø 51 - 80mm				90	60	0mm	0mm
Perforated Tray	≤ 500 mm (w) x 25mm (h) x 1.0mm (t)				120	90	0mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				90	90	0mm	0mm
Telecomm cables	≤ Ø 100mm bundle				120	90	0mm	0mm
Unsheathed cables	≤ Ø 24mm				120	45	0mm	0mm
PVC conduits	≤ Ø 16mm				120	90	0mm	0mm
Copper Conduits	≤ Ø 16mm				120	15	0mm	0mm
Electrical cables	≤ Ø ≤80mm			40mm thick 45kg/m3 stonewool lagging (RWA45) L/I 300mm	120	120	100mm	0mm
Cable tray	≤ 500mm (w) x 60mm (h) x 1.5mm (t)				120	120	100mm	0mm
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				120	120	100mm	0mm
Telecomm cables	≤ Ø 100mm bundle				120	120	100mm	0mm
Steel or copper conduits	≤ Ø 16mm				120	120	100mm	0mm
Plastic conduits	≤ Ø 16mm				120	120	100mm	0mm
Unsheathed cables	≤ Ø 24mm				120	120	100mm	0mm
Steel pipe	≤ 168mm			1000mm length of 40mm H&V pipe section L/S	120	120	0mm	0mm
Copper pipe	≤ 108mm				120	120	0mm	0mm
Steel pipes	≤ 219mm			N/A	120	15	0mm	0mm
Steel pipe	≤ 168mm			1000mm length of 25mm H&V pipe section L/S	90	60	0mm	0mm
Copper pipe	≤ 108mm				90	30	0mm	0mm
Copper pipe	≤ 42				120	120	100mm	100mm
Steel pipe	≤ 610mm	100mm Masonry Wall Construction		1000mm length of 40mm H&V pipe section L/S	180	60	0mm	100mm
Steel pipe	≤ 610mm			N/A	180	15	0mm	100mm
Steel pipe	≤ 324mm			300mm length of Ablative Liquid 2mm DFT (L/S)	120	45	100mm	100mm
Copper pipe	≤ 159mm				120	20	100mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence: UL-EU-01208 / WF 407899 / WF 385718 / WF 411452 / WF 406434

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop. Flexible wall construction must be installed in accordance with the manufacturer's guidelines.

The 60mm Rockwool Ablative Coated Batt must be Installed with ROCKWOOL intumescent sealant bedded between the batt and the drywall. A fillet of sealant must be installed at the junction between the batt and the drywall to ensure no gaps are visible between the drywall and the batt. The exposed mineral wool edges should be buttered with a layer of sealant or ablative coating. All batt to batt joints are to receive acoustic intumescent sealant.

For applications where a 4 sided fix is not possible or if the 50mm overlap onto partition is not possible contact ROCKWOOL.

All service items should be adequately supported either side of the Firestop to ensure that no load is transferred onto the coated batt.

ROCKWOOL Rocklap H&V Pipe Section to be Installed in a continuous 1000mm, locally sustained (L/S) length centrally through the Ablative Coated Batt seal. ROCKWOOL Rocklap H&V Pipe Section can be substituted for ROCKWOOL Fire Tube.

Additional combustible pipe solutions can be found in ROCKWOOL Insulated Fire Sleeve (IFS) details, ROCKWOOL CE Collar (COL) details, ROCKWOOL PipeWrap Roll (PWR) details and ROCKWOOL High Expansion Intumescent Sealant (HE) details.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

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t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® 60mm Ablative Coated Batt Face Fix application Range

Scale:	Date:	
NTS	MAR 22	
Sheet Size: A3	Drawn By: S.HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-1201		Revision: -

INSTALLATION NOTES

1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges.

2. Install the Rockwool Ablative Coated Batts either vertically to a maximum height of 1.2m x any length or horizontally using a stretcher bond pattern up to a maximum height of 2.6m x any length.

3. Apply Rockwool Acoustic Intumescent Sealant to the outer edges of the batt to seal the joints between batts and supporting substrates.

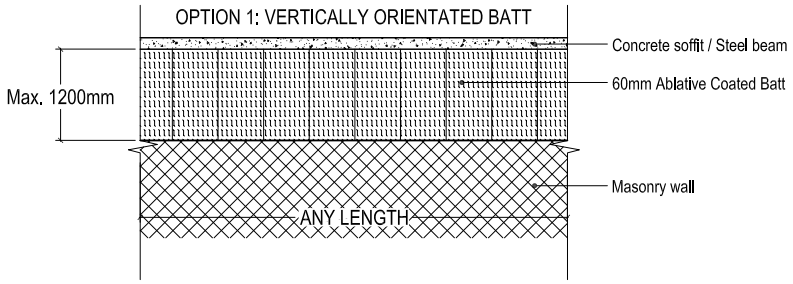
4. Continue installation until the aperture is completely filled.

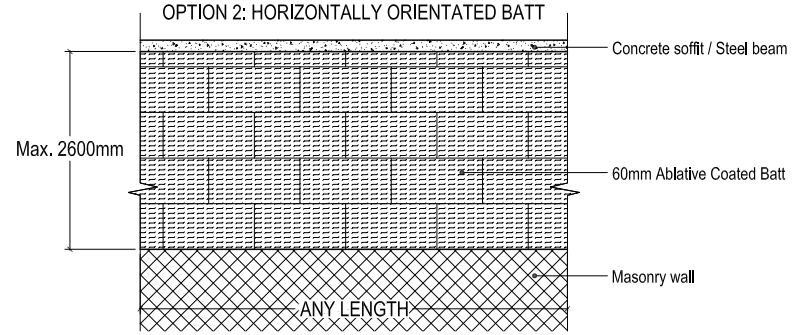
5. Apply a bead of Rockwool acoustic intumescent sealant, approximately 15 mm wide, around the perimeter of the batt ensuring that all gaps between the batt and surrounding edges are fully filled.

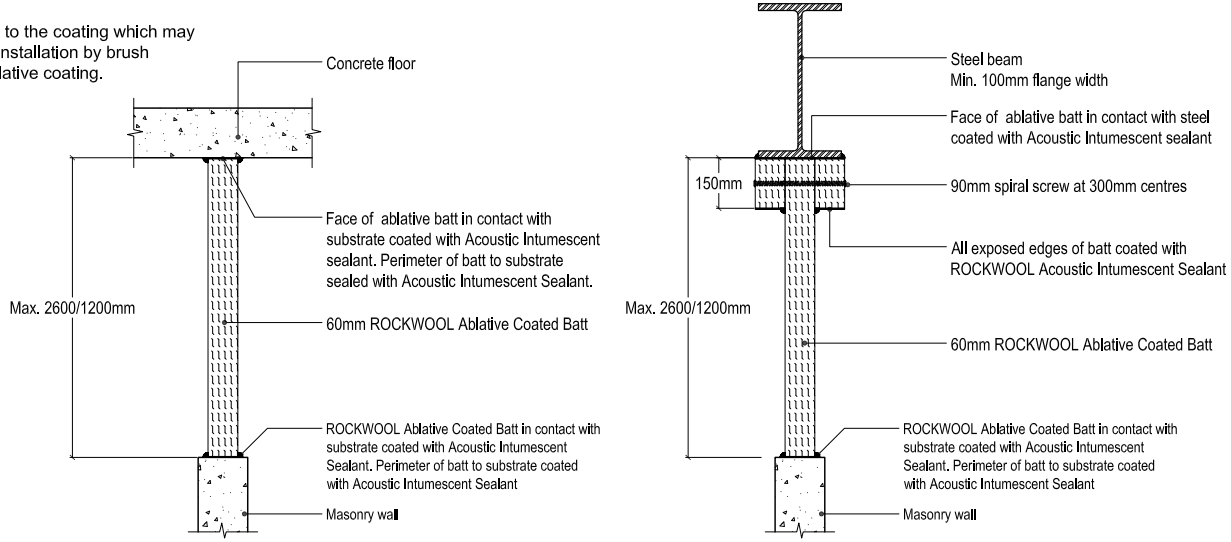
6. Repeat step 5 on the other side of the batt

7. If sealing to the underside of a steel beam install an additional 150mm pattress with 90mm long pigtail screws at 300mm centres to both batt faces along the length of the seal. Ensuring that all exposed edges of the batt are coated with acoustic Intumescent sealant.

8. Repair any damage to the coating which may have occurred during installation by brush applying Rockwool ablative coating.







ROCKWOOL Standard Detail:

Supporting Evidence : WF 311319-3

Maximum Opening Size:

Vertical Batt Joints - 1200m high x any length
Horizontal Batt Joints - 2600m high x any length

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should be of a minimum thickness of 100mm.

Where the Ablative Coated Batt forms a seal up to a structural beam, which has been protected with intumescent paint then an Insulation rating cannot be given (due to heat transfer through the steel). For applications requiring an insulation rating from the beam then please contact Rockwool Technical for Rockwool Beamclad solutions.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
60 Minutes	60 Minutes / N/A

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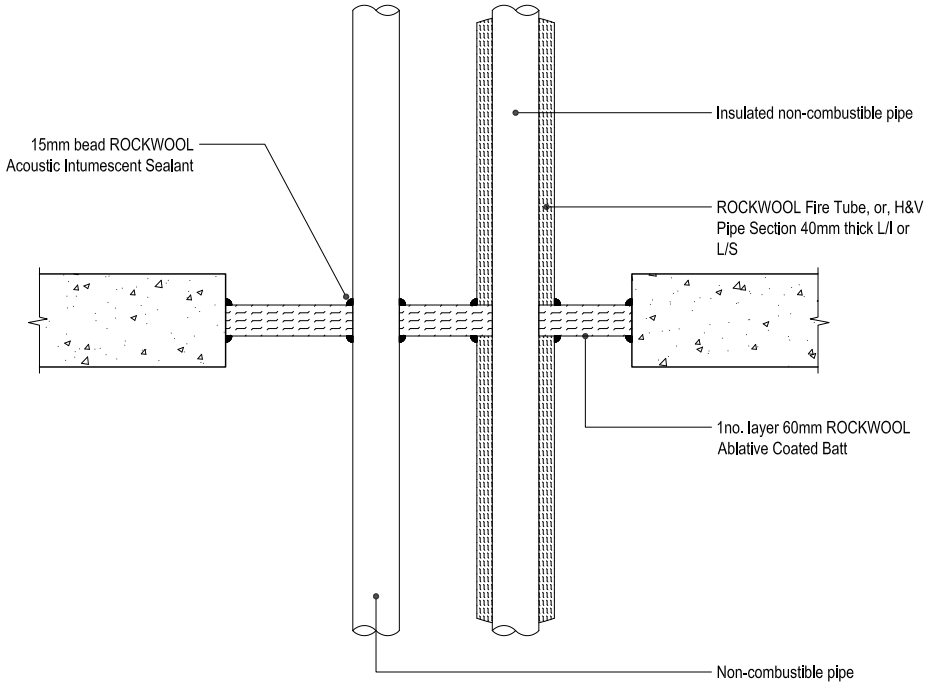
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
60mm Ablative Coated Batt:
Single Layer Head of Wall

Scale:	Date:	
NTS	AUG 23	
Sheet Size: A3	Drawn By: S.HIRONS	Checked By: L.HAM
Drawing Number: RWSD-ACB-1301		Revision: A



SINGLE 60MM ABLATIVE COATED
BATT FLOOR SEAL

PERFORMANCE TABLE:

SINGLE 60MM ABALTIVE COATED BATT 150MM FLOOR								
Service type			Substrate	Seal	Service treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	1200 x 600	150mm Concrete Floor (800 kg/m3)	1no, 60mm Ablative Coated Batt		240	120	N/A	N/A
Steel pipe	≤	168mm				240	-	100mm	100mm
Copper pipe	≤	108mm				240	-	100mm	100mm
Steel pipe	≤	168mm			40mm thick H&V pipe section L/I & L/S	240	120	100mm	100mm
Copper pipe	≤	108mm				240	120	100mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence : A08152

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

The Floor construction should be of a minimum thickness of 150mm. For thinner substrates please contact ROCKWOOL Technical Solutions.

All service items should be adequately supported on the non-fire side of the Firestop to ensure that no load is transferred onto the coated batt.

Refer to relevant product data sheets for further installation guidelines.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL.

For combustible service penetrations refer to Insulated Fire Sleeve, CE Collar, Pipe Wrap & High Expansion Sealant Details.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 240 Minutes	Up to 120 Minutes

ROCKWOOL®
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Drawing Title:
ROCKWOOL FIREPRO® 60mm Ablative Coated Batt
Single Layer Application Range - Horizontal Seal

Scale:	Date:	
1:10	FEB 22	
Sheet Size: A3	Drawn By: L.HAM	Checked By: S.HIRONS
Drawing Number: RWSD-ACB-1501		Revision: -

INSTALLATION NOTES

A permanent shuttering made from 50mm ROCKWOOL slab (minimum density 140kg/m3) is cut and friction fitted between services and the edges of the floor slab. Firestop Compound is then trowelled over the shutter to a depth of 25mm thick. This is allowed to cure. Further Firestop Compound is then mixed to a pouring grade and tops the seal up to the required depth.

Floor openings

1) A bag of compound to 10 litres water (3:1) by volume. Vary to suit site conditions

2) Set the shuttering into the opening ensuring a tight fit so that once the required depth of Compound is installed it finishes flush with the floor slab/screed unless otherwise specified

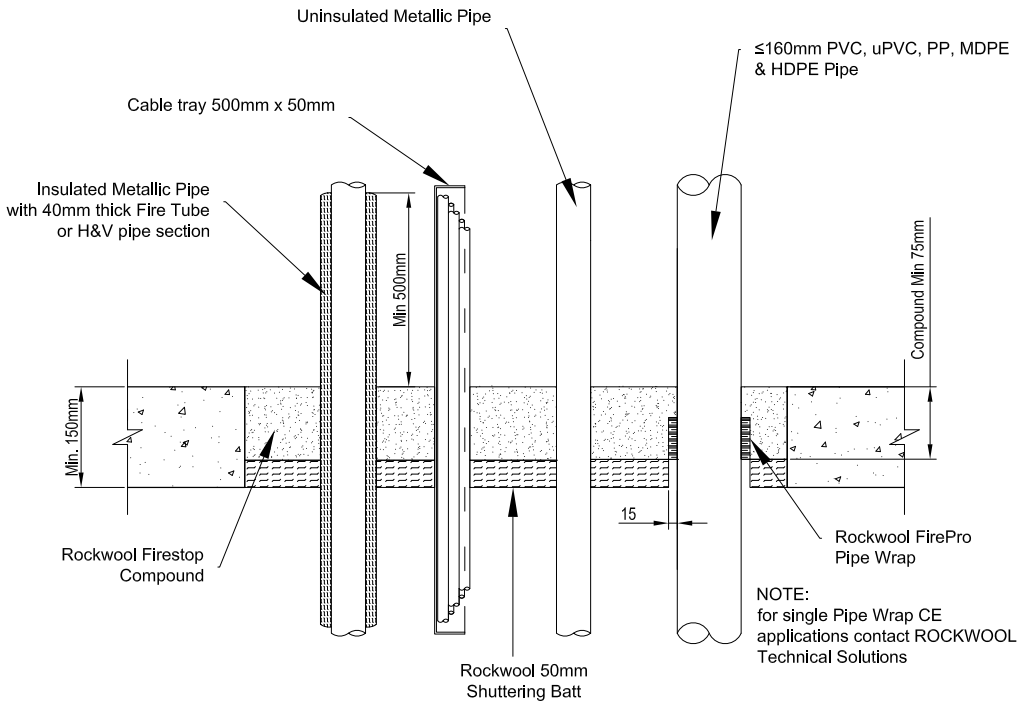
3) Mix and pour compound until the required thickness is achieved.

Reinforcement

Reinforcing of the compound requires either 12mm diameter bars or 40mm (high) x 60mm steel angle fixed across the short span of the aperture. The bars should be installed at 200mm centres across the aperture and may be installed such that they are recessed into the surrounding structure by minimum 50mm on both sides or supported on an steel angle securely fixed to the structure.

Steel angle reinforcement shall be installed at 250mm centres and shall be bolted back to supporting angle, which is fixed back to the structure. The support angle for rod or angle reinforcement shall be 50mm x 50mm x 1.6mm and shall be securely fixed back to the structure with nominally 8mm steel anchor bolts at a maximum of 200mm centres.

In all instances the reinforcement shall be positioned approximately 30mm above the bottom surface of the compound to ensure adequate fire protection from below.



Service type	60 Minutes		90 Minutes		120 Minutes		240 Minutes	
	Integrity	Insulation	Integrity	Insulation	Integrity	Insulation	Integrity	Insulation
75mm Blank seal up to 500 mm x 500 mm*	✓	✓	✓	✓	✓	✓		
100mm Blank seal up to 750 mm x 750 mm*	✓	✓	✓	✓	✓	✓	✓	✓
75mm Seal with services no reinforcement - 500mm x any length*	✓	✓	✓	✓	✓	✓		
100mm Seal with services, Simply Reinforced - 1500mm x any length*	✓	✓	✓	✓	✓	✓	✓	✓
Cable Tray ≤500mm x 50mm	✓	✓	✓	✓	✓		✓	
Bunched cables ≤100 mm	✓	✓	✓		✓			
Electrical cables up to 21mm	✓	✓	✓	✓	✓		✓	
Electrical cables 21mm - 50mm	✓	✓	✓		✓		✓	
Electrical cables 51mm - 80mm	✓		✓		✓		✓	
Steel pipes ≤165 Unlagged	✓		✓		✓		✓	
Steel pipes ≤165 lagged with Fire Tube	✓	✓	✓	✓	✓	✓	✓	
Copper pipes ≤ 108 mm lagged with Fire Tube	✓	✓	✓	✓	✓	✓	✓	
Copper pipes ≤ 108 mm unlagged	✓		✓		✓		✓	
≤160mm PVC, uPVC, PP, MDPE & HDPE pipe Rockwool Pipe Wrap	✓	✓	✓	✓	✓	✓		

* Load bearing performance in line with BS6399 for workspaces and cupboards

ROCKWOOL Standard Detail:

Supporting Evidence : BMTFEIF14015 / WF 518225
WF 436617 / WF 389239 / WF 518794

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the Firestop to ensure that no permanent load is transferred onto the coated batt.

The Firestop compound is designed to accommodate light foot traffic in line with BS6399 for workspaces and cupboards.

Combustible pipes passing through the compound shall be provided with either ROCKWOOL Firestop Collar or Wrap. It is important to ensure that the collar or wrap shall remain exposed at the soffit (therefore to direct fire exposure). If the shuttering batt is to remain in place then care shall be taken to ensure the intumescent device remains exposed. One option to achieve this would be to use a PE backing rod between the pipe and the batt to ensure the shuttering allows the compound to be poured yet burns away quickly to expose the intumescent. A width of 15mm is suggested.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 240 minutes	Up to 240 minutes

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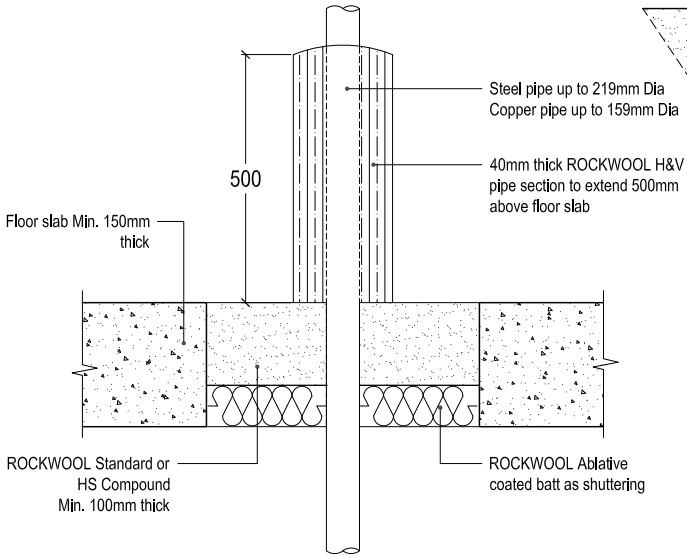
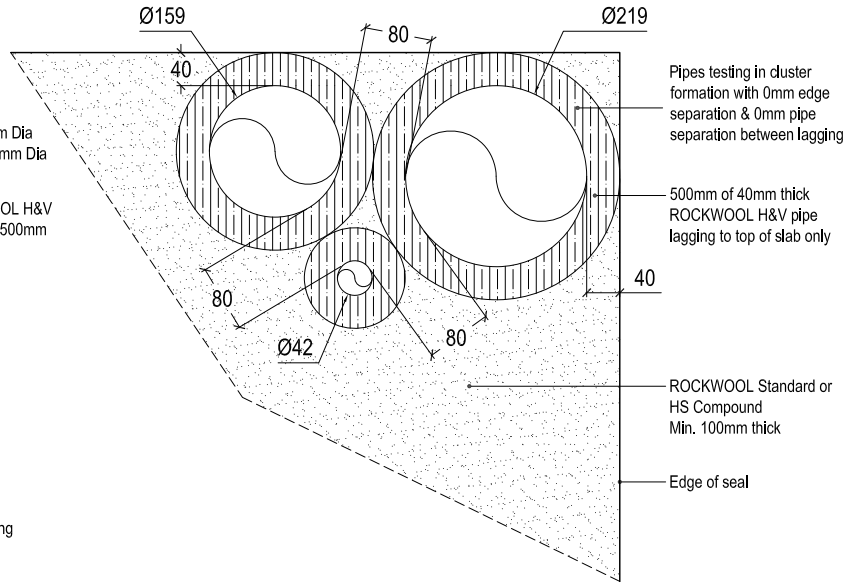
Drawing Title:
FireStop Copound
Floor Seal

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-COM-0501		Revision: -



COMPOUND SECTION



PLAN VIEW ABOVE SEAL

Performance Table:

Penetration Type/Size (mm)	Formation	Insulation Thickness (mm)	Seal	Service Separation	Substrate Separation	Supporting construction	Performance	
							Integrity	Insulation
Copper 42	Cluster	40mm H&V pipe lagging - 500mm to top of slab only	100mm thick ROCKWOOL Standard Compound	0mm (From lagging)	0mm (From lagging)	150mm thick AAC concrete slab (650 kg/m³)	240	120
Copper 43 - 159							120	45
Steel < 219							240	120

ROCKWOOL Standard Detail:

Supporting Test Data : WF 427399 (BS EN 1366-3)

The supporting construction must be capable of achieving the required fire rating of the proposed fire stop.

Please refer to RWSD-COM-0501 for compound size limitations and other service penetration details.

All service items should be adequately supported on the non fire side of the seal.

The tested cluster formation provides coverage for a linear arrangement.

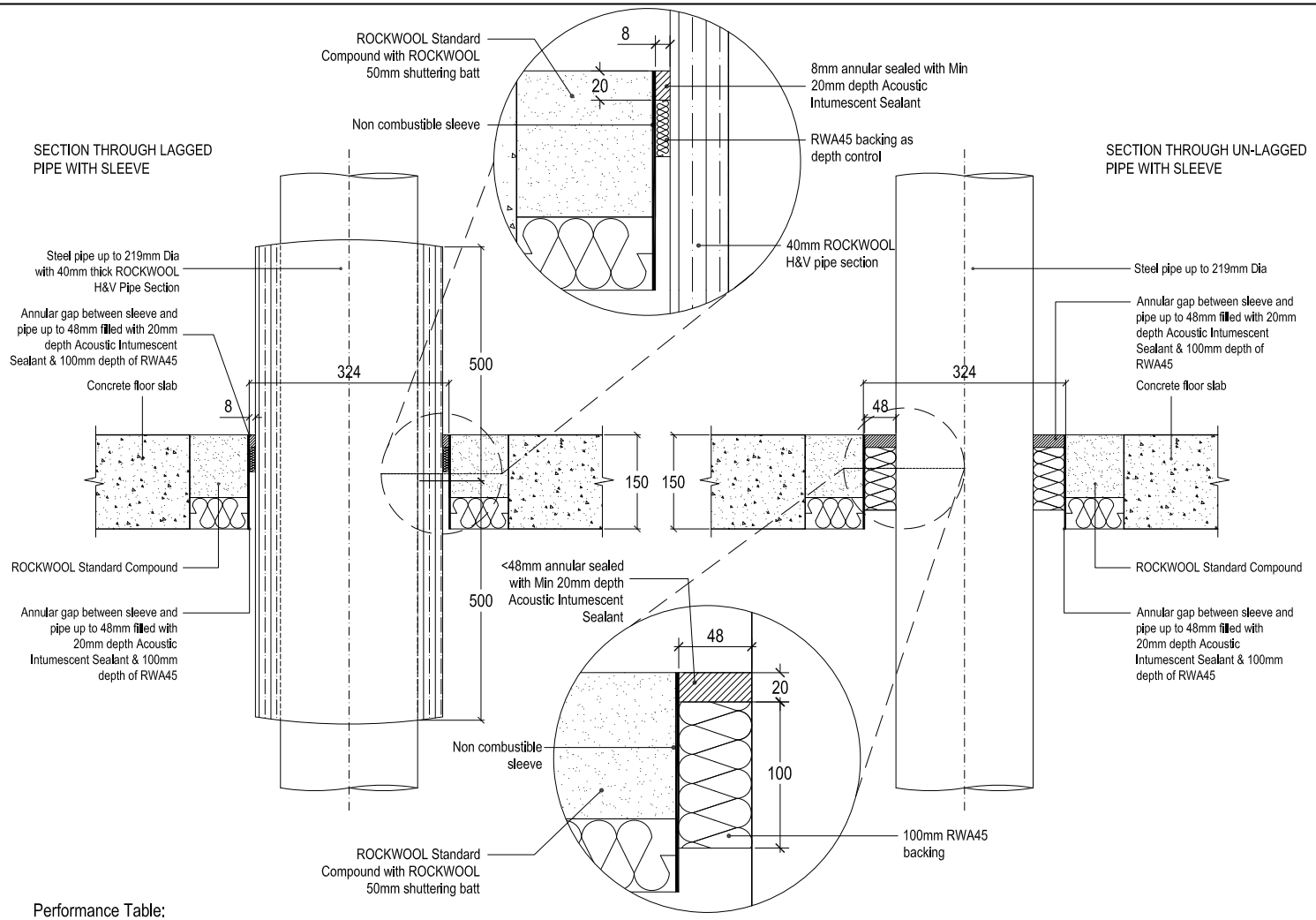
These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 240 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL Standard Compound
H&V Pipe Section to top of slab

Scale:	Date:	
N/A	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-COM-0503		Revision: A



Performance Table:

Penetration Type/Size (mm)	Formation	Insulation Thickness (mm)	Seal	Service Separation	Substrate Separation	Supporting construction	Performance	
							Integrity	Insulation
Steel < 219	Single	40mm H&V pipe section - 1000mm length through the seal (L/S)	100mm thick ROCKWOOL Standard Compound	0mm (Between sleeves)	0mm (Between sleeves)	150mm thick AAC concrete slab (650 kg/m³)	120	120
Steel < 219	Single	N/A					120	15

ROCKWOOL Standard Detail:

Supporting Test Data : WF 427399 (BS EN 1366-3)

The supporting construction must be capable of achieving the required fire rating of the proposed fire stop.

Please refer to RWSD-COM-0510 for compound size limitations and other service penetration details.

All service items should be adequately supported on the non fire side of the seal.

Pipe lagging where applicable to be a 1000mm continuous length positioned centrally to the seal (L/S).

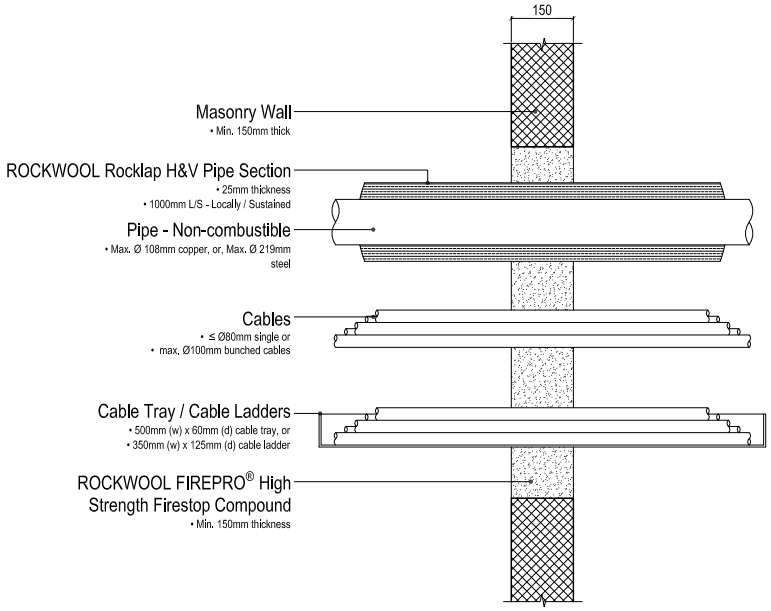
These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 Minutes	Up to 120 Minutes

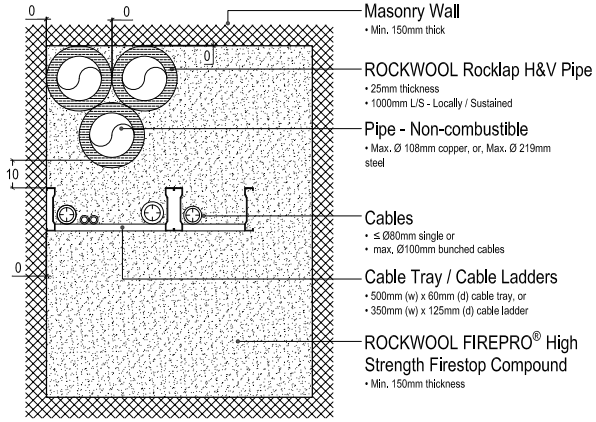
ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL Standard Compound
Sleeved Pipe Penetrations

Scale:	Date:	
N/A	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-COM-0510		Revision: A



ROCKWOOL FIREPRO® High Strength Firestop Compound
SECTION



ROCKWOOL FIREPRO® High Strength Firestop Compound
SERVICE SEPARATION - ELEVATION

PERFORMANCE TABLE:

HIGH STRENGTH COMPOUND 150MM THICK								
Service type		Substrate	Seal	Service treatment	Classification		Spacing	
					Integrity	Insulation	Aperture	Identical Services
Blank seal	≤ 2.6m x 2.6m***	150mm thick masonry wall	150mm thick High Strength Compound		240	240	N/A	N/A
Copper pipe	≤ 42			1000mm length of 25mm H&V pipe section L/S	240	240	0mm	0mm
Copper Pipe	≤ 108mm				240	240	0mm	0mm
Steel pipe	≤ 168mm				240	240	0mm	0mm
Steel pipe	≤ 219mm				240	240	0mm	0mm
HIGH STRNEGTH COMPOUND 150MM THICK - CABLES								
Electrical cables	≤ Ø 21mm	150mm thick masonry wall	150mm thick High Strength Compound	N/A	240	120	0mm	N/A
	Ø 22mm - 50mm				240	120	0mm	N/A
	Ø 51mm - 80mm				240	120	0mm	N/A
Cable tray	≤ 500mm (w) x 60mm (h) x 1.5mm (t)				240	240	0mm	N/A
Cable ladder	≤ 350mm (w) x 125mm (d) x 1.5mm (t)				240	120	0mm	N/A
Telecomm cables	≤ Ø 100mm bundle				240	120	0mm	N/A
Unsheathed cables	≤ Ø 24mm				240	60	0mm	N/A
Steel or copper conduits	≤ Ø 16mm				240	240	0mm	N/A
Plastic conduits	≤ Ø 16mm				240	180	0mm	N/A

ROCKWOOL Standard Detail:

Supporting Evidence : WF 384656

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

*** For large voids High Strength compound can be cast into preformed blocks - Please contact ROCKWOOL Technical for more details.

For combustible pipe solutions please refer to the masonry wall details of ROCKWOOL Insulated Fire Sleeve (IFS) ROCKWOOL Pipe Wrap CE (PW) and ROCKWOOL CE Collar (COL).

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

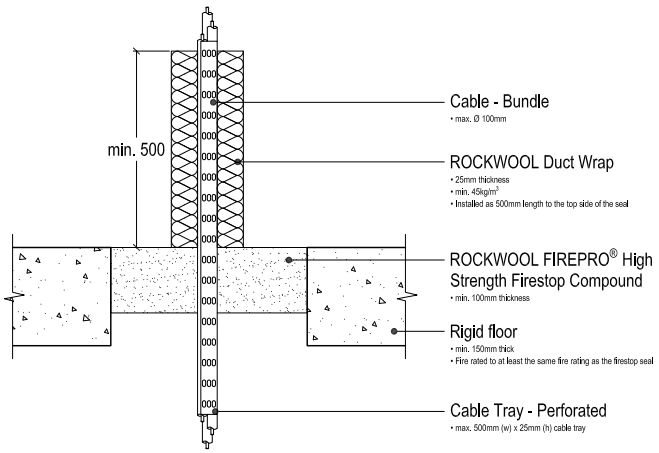
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

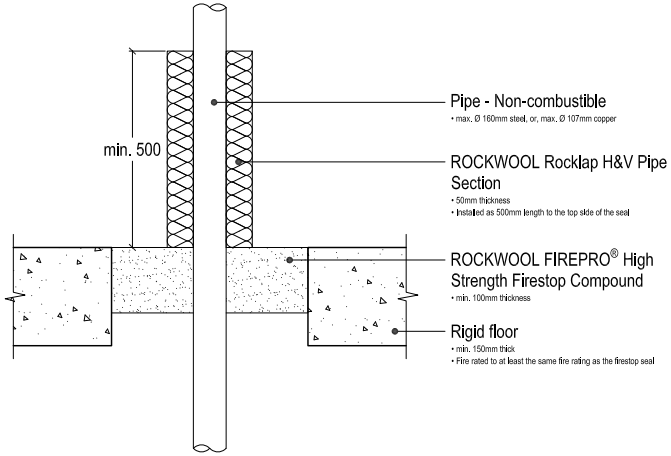
Integrity Performance:	Insulation Performance:
up to 240 minutes	up to 240 minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
HIGH STRENGTH FIRESTOP COMPOUND
Rigid Walls

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L. HAM
Drawing Number: RWSD-COM-1001		Revision: -





RIGID FLOOR - HIGH STRENGTH COMPOUND

Service type		Substrate	Seal Size	Seal	Service treatment	Classification Integrity	Classification Insulation	Spacing Aperture	Spacing Services
Copper pipe	≤ Ø 107mm (1.5 - 14.2mm wall thickness)	150mm thick rigid floor	Max. 1800mm x 1800mm	100mm thick High Strength Compound	50mm thick Rocklap H&V Pipe Section, min. 500mm length to topside of seal	60	15	100	100
Steel pipe	≤ Ø 115mm (3.5 - 14.2mm wall thickness) Ø 116 - 160mm (5 - 14.2mm wall thickness)				50mm thick Rocklap H&V Pipe Section, min. 500mm length to	120 120	120 90	100	100
Electrical cables	≤ Ø 21mm Ø 22mm - 50mm Ø 51mm - 80mm				25mm thick Duct Wrap insulation, min. 500mm length to topside of seal	120	60	100	100
Unsheathed cables	≤ Ø 24mm				25mm thick Duct Wrap insulation, min. 500mm length to topside of seal	120	120	100	100

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01149-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All service items should be adequately supported on the non fire sides of the firestop to ensure that no load is transferred onto the seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

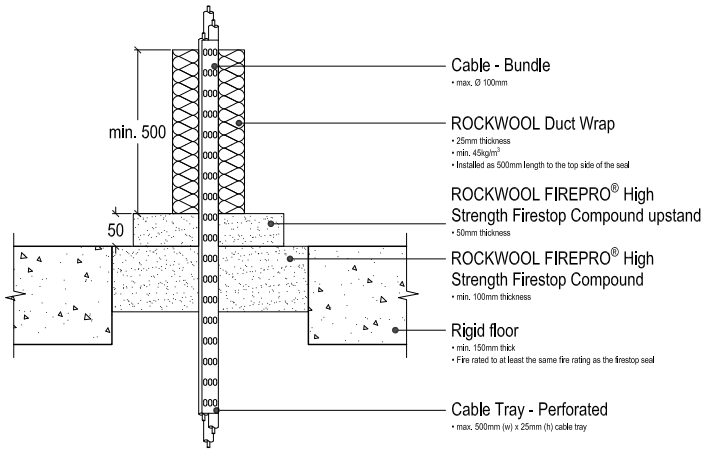
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
up to 120 minutes	up to 120 minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
HIGH STRENGTH FIRESTOP COMPOUND
Rigid floors

Scale:	Date:	
NTS	MAR 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COM-1510		Revision: -



RIGID FLOOR - HIGH STRENGTH COMPOUND WITH UPSTAND									
Service type		Substrate	Seal Size	Seal	Service treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Services
Telecomm cables	≤ Ø 100mm bundle	150mm thick rigid floor	Max. 1800mm x 1800mm	100mm thick High Strength Compound with 50mm thick High Strength Compound upstand	25mm thick Duct Wrap insulation, min. 500mm length to topside of seal	120	120	100	100

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01149-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All service items should be adequately supported on the non fire of the firestop to ensure that no load is transferred onto the seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 minutes	120 minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
HIGH STRENGTH FIRESTOP COMPOUND
100mm Cablke Bundle With Plinth

Scale:	Date:	
NTS	MAR 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COM-1511		Revision: -

INSTALLATION NOTES

1) Measure the height of the aperture to be sealed.

2) Cut the FIREPRO® SoftSeal Coated Strips 15% bigger than the height of the void to be filled, so when installed they are under compression.

3) Ensure substrate is clean and free of dust and debris.

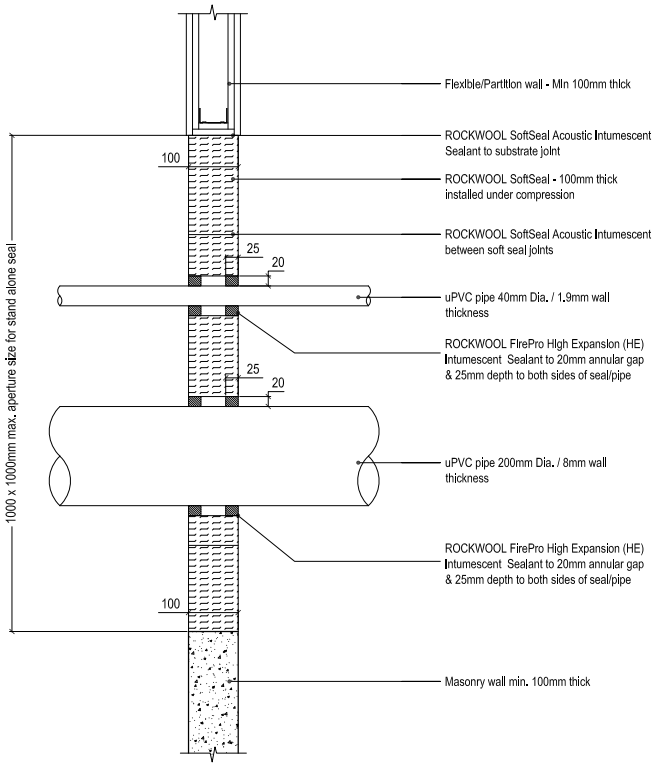
4) Apply a bead of FIREPRO® SoftSeal Acoustic Intumescent Sealant around the internal edges of the aperture.

5) Install the FIREPRO® SoftSeal Coated Strips horizontally, so that the lamellas are running horizontally.

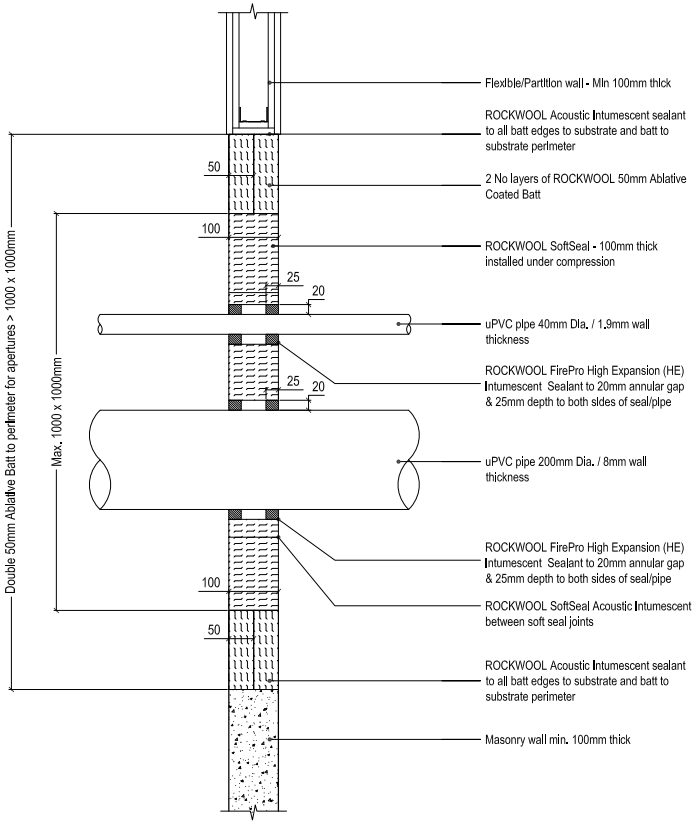
6) Apply a bead of FIREPRO® Acoustic Intumescent Sealant to butt joints between different sections of SoftSeal Coated Strips.

7) FIREPRO® High Expansion Intumescent Sealant shall be used around plastic pipes in accordance with ROCKWOOL standard details.

8) Apply FIREPRO® SoftSeal Flexible Coating to the face of all joints between SoftSeal



ROCKWOOL SOFTSEAL USED AS STAND ALONE SEAL
(APERTURE NO GREATER THAN 1000 X 1000mm)
uPVC Pipe Penetrations



ROCKWOOL SOFTSEAL USED WITH DOUBLE 50mm
ABLATIVE COATED BATT TO PERIMETER
(APERTURE GREATER THAN 1000 X 1000mm)
uPVC Pipe Penetrations

ROCKWOOL Standard Detail:

Supporting Evidence : WF 371988B (BS EN 1366-3)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.Flexible wall construction must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The Wall construction should be of a minimum thickness of 100mm.

All service items should be adequately supported either side of the seal.

As part of the testing to BS EN 1366-4, FIREPRO SoftSeal was assessed for its movement capabilities, prior to conducting the fire test. The product was tested to accommodate movement (expansion and contraction) of +/-15%.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

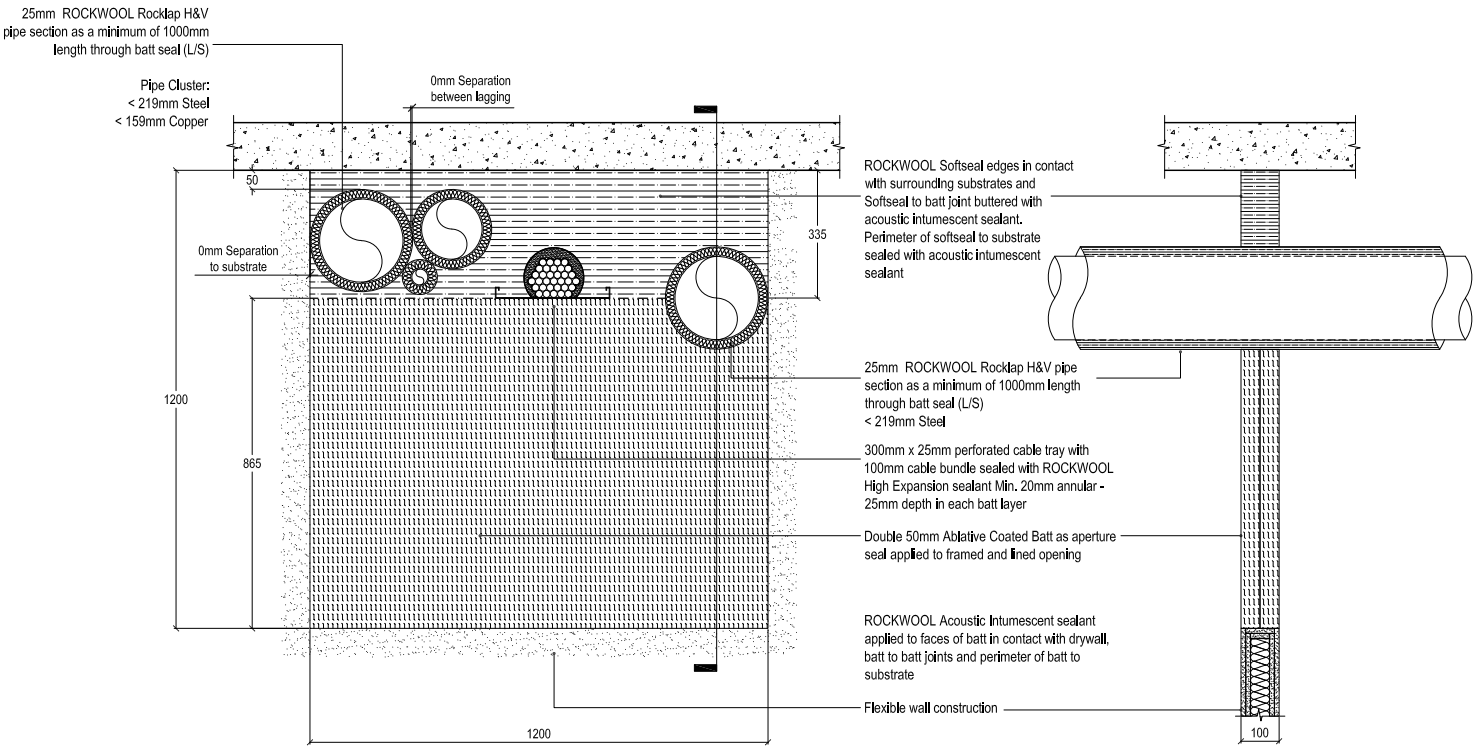
For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
60 Minutes	60 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro SoftSeal Vertical Seal
PVC Pipe Penetrations

Scale:	Date:	
NTS	AUG-22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-SS-0003		Revision: -



DOUBLE 50MM ABALTIVE COATED BATT WITH SOFTSEAL DEFLECTION HEAD 100MM WALL - NON COMBUSTIBLE PIPES

Service type			Substrate	Seal	Service Treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	600 x 900	100mm thick flexible wall construction	Double batt seal with SoftSeal deflection Head	N/A	120	120	N/A	N/A
	≤	1200 x 1200				120	90	N/A	N/A
Steel Pipe	≤	219mm			1000mm length of 25mm H&V pipe section L/S	120	90	50mm soffit 0mm side	0mm
Copper Pipe	≤	159mm				90	30		
	≤	42mm				120	120		
Copper Pipe		108mm				120	120	0mm	100mm
Perforated Tray	≤	500mm (w) x 25mm (d) x 1.0mm (t)			N/A	120	60	100mm	100mm
Telecomm cables	≤	Ø 100mm bundle			High Expansion sealant 20mm Annular / Min. 25mm depth to both faces	120	120	100mm	100mm

ROCKWOOL Standard Detail:

Supporting Test Data : WF 411468 / WF 411471

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal.

SoftSeal can accommodate +/- 25% of joint width as a linear joint seal.

Minimum dimension at head of seal to reflect scheme deflection requirements.

The performance of the 100mm cable bundle is limited by the performance of the cable carrier.

Please refer to double 50mm batt and Softseal standard details for further penetration coverage (RWSD-ACB & COL). For aperture sizes greater than those indicated please call ROCKWOOL Technical.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and In accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

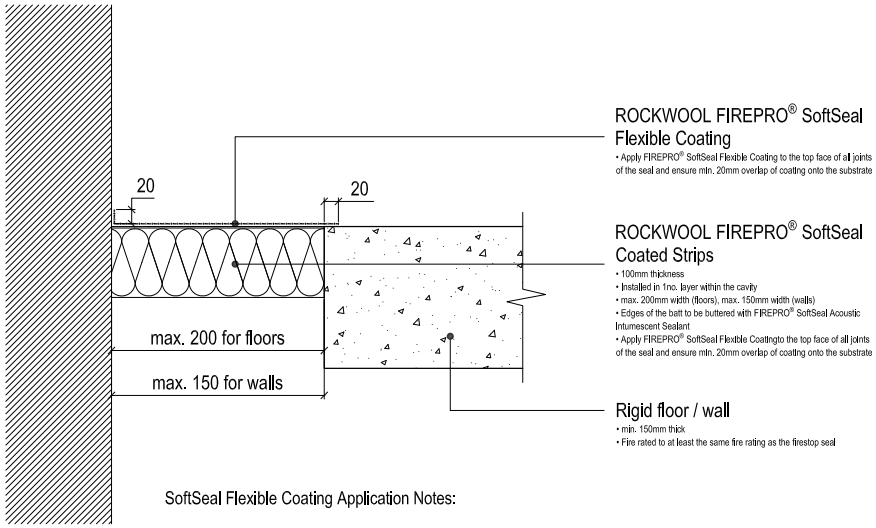
For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL Ablative batt/Softseal
Double 50mm batt with softseal defection head

Scale:	Date:	
NTS	SEP 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-SS-0010		Revision: D



SoftSeal Flexible Coating Application Notes:

1) Apply FirePro SoftSeal flexible coating to the top face of all joints between the seal and the substrate.
2) Apply FirePro soft seal Flexible Coating to the top face of all butt joints between pieces of SoftSeal Linear Joint Seal.

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01201-CPR / WF 338688/B / ETA-20/1137

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

As part of the testing to BS EN 1366-4, FIREPRO SoftSeal was assessed for its movement capabilities, prior to conducting the fire test. The product was tested to accommodate movement (expansion and contraction) of +/-25%.

Soft Seal Linear Joint Seal can be supplied on either one or both sides.(Single Sided for Horizontal Applications. Double sided for Vertical Applications).

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

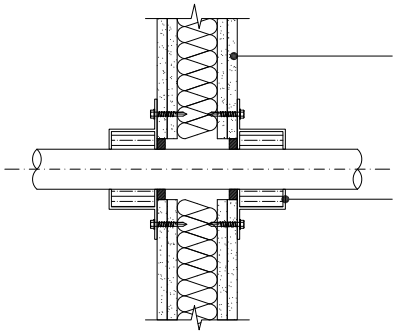
For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
240 Minutes	120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro SoftSeal Vertical Seal:
Linear Joints seal horizontal & vertical

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-SS-0101		Revision: -



Service type		Flexible / rigid wall (min. 100mm thick)		Test Standard	Service separation	
		Integrity	Insulation		Aperture	Services
PVC pipes	**Ø32 - 50mm** (1.8mm wall thickness) **Ø55 - 63mm** (2.3 - 3mm wall thickness) **Ø75 - 82mm** (3.1 - 4.8mm wall thickness) **Ø90 - 110mm** (4.2 - 7.4mm wall thickness) **Ø125mm** (6mm wall thickness) **Ø140mm** (6.1 - 7.5mm wall thickness) **Ø160mm** (6.2 - 9.5mm wall thickness)	120	120	EN	N/A	200mm
PP pipes	**Ø32 - 50mm** (2.9mm wall thickness) **Ø55 - 63mm** (2.9- 4.4mm wall thickness) **Ø75 - 82mm** (2.8- 6.7mm wall thickness) **Ø90 - 110mm** (2.7 - 10mm wall thickness) **Ø125mm** (3.1mm wall thickness) **Ø140mm** (3.5 - 8mm wall thickness) **Ø160mm** (4 - 14.6mm wall thickness)	120	120	EN	N/A	200mm
PE pipes	**Ø32 - 50mm** (2.9mm wall thickness) **Ø55 - 63mm** (2.9- 4.4mm wall thickness) **Ø75 - 82mm** (2.8- 6.7mm wall thickness) **Ø90 - 110mm** (2.7 - 10mm wall thickness) **Ø125mm** (3.1mm wall thickness) **Ø140mm** (3.9 - 5.8mm wall thickness) **Ø160mm** (4.9 - 9.5mm wall thickness)	120	120	EN	N/A	200mm

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01205-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 100mm. This detail can also be applied to rigid wall constructions of 100mm minimum thickness.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

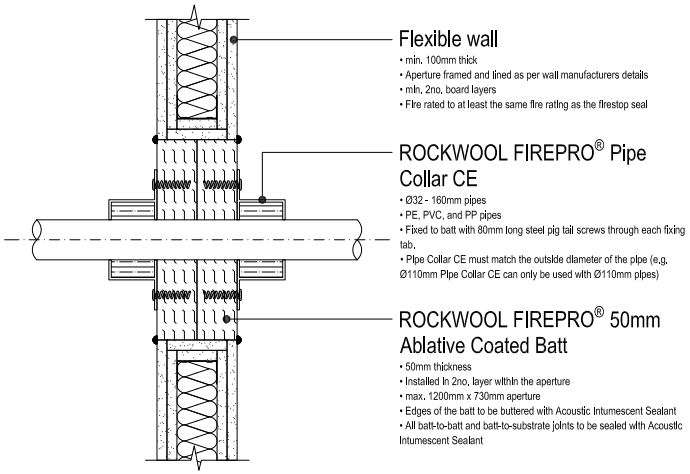
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 mins	120 mins

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
PIPE COLLAR CE
Direct Through Wall

Scale:	Date:	
NTS	AUG 23	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COL-0001		Revision: D



Service type		Flexible / rigid wall (min. 100mm thick)		Test Standard	Service separation	
		Integrity	Insulation		Aperture	Services
PVC pipes	**Ø32 - 50mm** (1.8mm wall thickness) **Ø55 - 63mm** (2.3 - 3mm wall thickness) **Ø75 - 82mm** (3.1 - 4.8mm wall thickness) **Ø90 - 110mm** (4.2 - 7.4mm wall thickness) **Ø125mm** (6mm wall thickness) **Ø140mm** (6.1 - 7.5mm wall thickness) **Ø160mm** (6.2 - 9.5mm wall thickness)	120	120	EN	50mm	0mm
PP pipes	**Ø32 - 50mm** (2.9mm wall thickness) **Ø55 - 63mm** (2.9 - 4.4mm wall thickness) **Ø75 - 82mm** (2.8 - 6.7mm wall thickness) **Ø90 - 110mm** (2.7 - 10mm wall thickness) **Ø125mm** (3.1mm wall thickness) **Ø140mm** (3.5 - 8mm wall thickness) **Ø160mm** (4 - 14.6mm wall thickness)	120	120	EN	50mm	0mm
PE pipes	**Ø32 - 50mm** (2.9mm wall thickness) **Ø55 - 63mm** (2.9 - 4.4mm wall thickness) **Ø75 - 82mm** (2.8 - 6.7mm wall thickness) **Ø90 - 110mm** (2.7 - 10mm wall thickness) **Ø125mm** (3.1mm wall thickness) **Ø140mm** (3.9 - 5.8mm wall thickness) **Ø160mm** (4.9 - 9.5mm wall thickness)	120	120	EN	50mm	0mm

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should be a minimum thickness of 100mm. This detail can also be applied to rigid wall constructions of 100mm minimum thickness.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

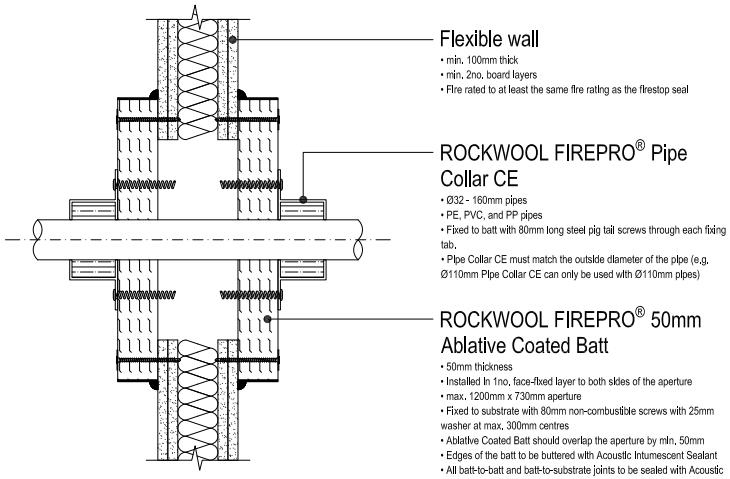
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 mins	120 mins

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
PIPE COLLAR CE
Ablative Coated Batt Wall Aperture

Scale:	Date:	
NTS	FEB 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COL-0002		Revision: C



Service type		Flexible / rigid wall (min. 100mm thick)		Test Standard	Service separation	
		Integrity	Insulation		Aperture	Services
PVC pipes	**Ø32 - 50mm** (1.8mm wall thickness) **Ø55 - 63mm** (2.3 - 3mm wall thickness) **Ø75 - 82mm** (3.1 - 4.8mm wall thickness) **Ø90 - 110mm** (4.2 - 7.4mm wall thickness) **Ø125mm** (6mm wall thickness) **Ø140mm** (6.1 - 7.5mm wall thickness) **Ø160mm** (6.2 - 9.5mm wall thickness)	120	120	EN	50mm	0mm
PP pipes	**Ø32 - 50mm** (2.9mm wall thickness) **Ø55 - 63mm** (2.9- 4.4mm wall thickness) **Ø75 - 82mm** (2.8- 6.7mm wall thickness) **Ø90 - 110mm** (2.7 - 10mm wall thickness) **Ø125mm** (3.1mm wall thickness) **Ø140mm** (3.5 - 8mm wall thickness) **Ø160mm** (4 - 14.6mm wall thickness)	120	120	EN	50mm	0mm
PE pipes	**Ø32 - 50mm** (2.9mm wall thickness) **Ø55 - 63mm** (2.9- 4.4mm wall thickness) **Ø75 - 82mm** (2.8- 6.7mm wall thickness) **Ø90 - 110mm** (2.7 - 10mm wall thickness) **Ø125mm** (3.1mm wall thickness) **Ø140mm** (3.9 - 5.8mm wall thickness) **Ø160mm** (4.9 - 9.5mm wall thickness)	120	120	EN	50mm	0mm

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 100mm. This detail can also be applied to rigid wall constructions of 100mm minimum thickness.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 mins	120 mins

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
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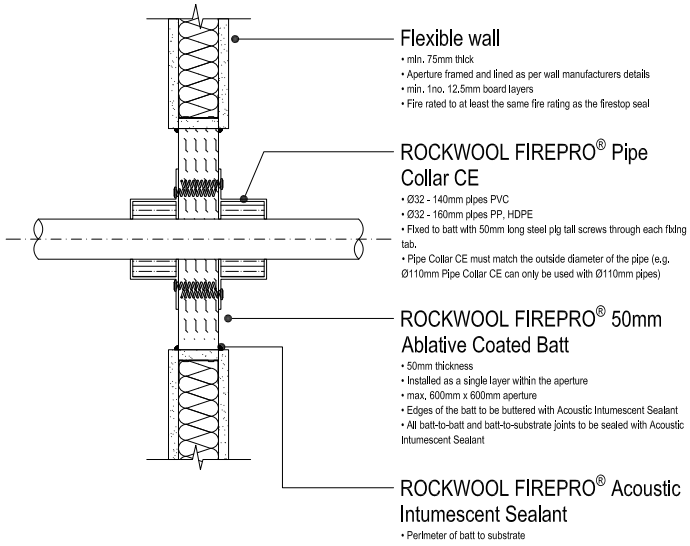
technical.solutions@rockwool.co.uk

Drawing Title:
PIPE COLLAR CE
Face-fix Ablative Coated Batt

Scale:	Date:	
NTS	FEB 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COL-0003		Revision: C



Service type		Flexible / rigid wall (min. 75mm thick)		Test Standard	Service separation	
		Integrity	Insulation		Aperture	Services
PVC pipes	**Ø 32 - 50mm** (1.8mm wall thickness) **Ø 55 - 63mm** (2.3 - 3mm wall thickness) **Ø 75 - 82mm** (3.1 - 4.8mm wall thickness) **Ø 90 - 110mm** (4.2 - 7.4mm wall thickness) **Ø 125mm** (6mm wall thickness) **Ø 140mm** (6.1 - 7.5mm wall thickness)	60	60	BS EN 1366-3:2009	50mm	0mm
PP pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9- 4.4mm wall thickness) **Ø 75 - 82mm** (2.8- 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.5 - 8mm wall thickness) **Ø 160mm** (4 - 14.6mm wall thickness)	60	60	BS EN 1366-3:2009	50mm	0mm
PE pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9- 4.4mm wall thickness) **Ø 75 - 82mm** (2.8- 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.9 - 5.8mm wall thickness) **Ø 160mm** (4.9 - 9.5mm wall thickness)	60	60	BS EN 1366-3:2009	50mm	0mm

ROCKWOOL Standard Detail:

Supporting Test Data : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 75mm. This detail can also be applied to rigid wall constructions of 75mm minimum thickness.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
60 mins	60 mins

ROCKWOOL®
Pencoed, Bridgend,
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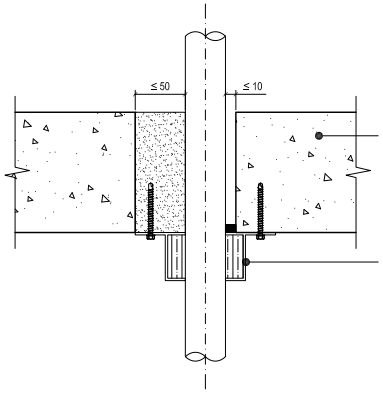
Drawing Title:
PIPE COLLAR CE
Single Skin Single 50mm Ablative Batt

Scale:	Date:	
NTS	JUL 22	
Sheet Size: A3	Drawn By: RE TECH	Checked By: L. HAM
Drawing Number: RWSD-COL-0004		Revision: -



Service type		Rigid floor (min. 150mm thick) Integrity	Insulation	Test Standard	Service separation Aperture	Services
PVC pipes	**Ø 32 - 50mm** (1.8mm wall thickness) **Ø 55 - 63mm** (2.3 - 3mm wall thickness) **Ø 75 - 82mm** (3.1 - 4.8mm wall thickness) **Ø 90 - 110mm** (4.2 - 7.4mm wall thickness) **Ø 125mm** (6mm wall thickness) **Ø 140mm** (6.1 - 7.5mm wall thickness) **Ø 160mm** (6.2 - 9.5mm wall thickness)	240	240	EN	N/A	200mm
PP pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9- 4.4mm wall thickness) **Ø 75 - 82mm** (2.8- 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.5 - 8mm wall thickness) **Ø 160mm** (4 - 14.6mm wall thickness)	240	240	EN	N/A	200mm
PE pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9- 4.4mm wall thickness) **Ø 75 - 82mm** (2.8- 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.9 - 5.8mm wall thickness) **Ø 160mm** (4.9 - 9.5mm wall thickness)	240	240	EN	N/A	200mm

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01205-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

The floor must have a minimum thickness of 150mm with a minimum density of 650kg/m³.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
240 mins	240 mins

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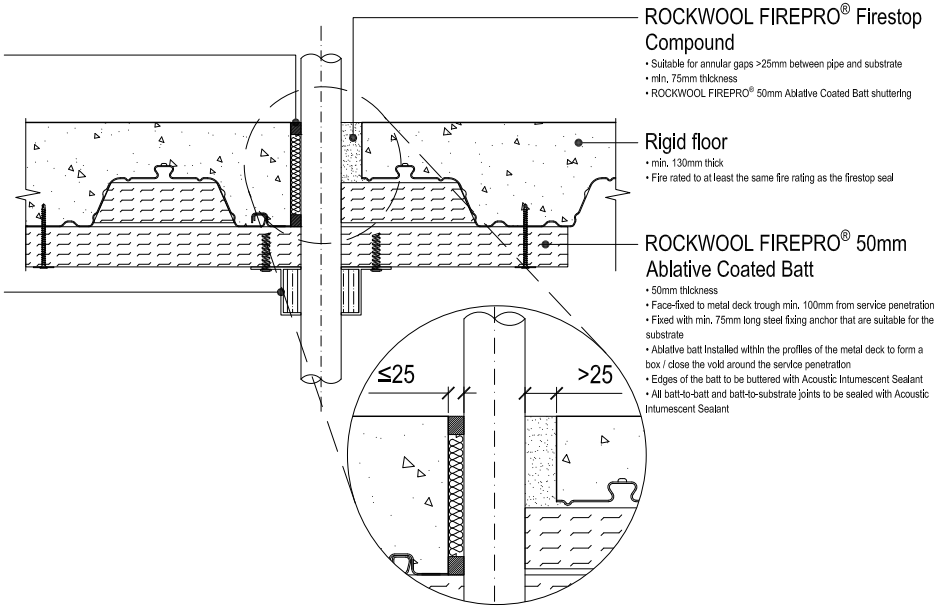
Drawing Title:
PIPE COLLAR CE
Solid Floor

Scale:	Date:	
NTS	FEB 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COL-0501		Revision: C



Service type		Rigid floor (min. 150mm thick) Integrity	Insulation	Test Standard	Service separation Aperture	Services
PVC pipes	**Ø 32 - 50mm** (1.8mm wall thickness) **Ø 55 - 63mm** (2.3 - 3mm wall thickness) **Ø 75 - 82mm** (3.1 - 4.8mm wall thickness) **Ø 90 - 110mm** (4.2 - 7.4mm wall thickness) **Ø 125mm** (6mm wall thickness) **Ø 140mm** (6.1 - 7.5mm wall thickness) **Ø 160mm** (6.2 - 9.5mm wall thickness)	120	120	EN	N/A	200mm
HDPE pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9 - 4.4mm wall thickness) **Ø 75 - 82mm** (2.8 - 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.9 - 5.8mm wall thickness) **Ø 160mm** (4.9 - 9.5mm wall thickness)	120	120	EN	N/A	200mm
PP pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9 - 4.4mm wall thickness) **Ø 75 - 82mm** (2.8 - 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.5 - 8mm wall thickness) **Ø 160mm** (4 - 14.6mm wall thickness)	120	120	EN	N/A	200mm

ROCKWOOL Standard Detail:

Supporting Evidence : WF 428682

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All service items should be adequately supported to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 mins	120 mins

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
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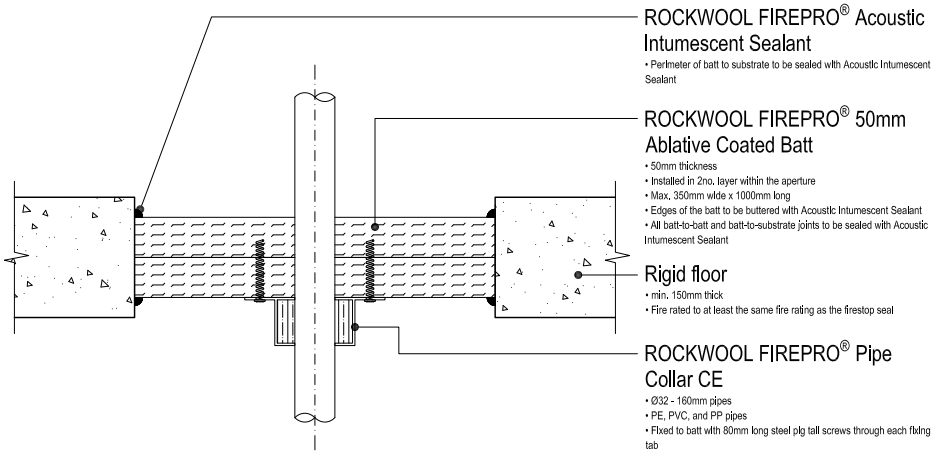
Drawing Title:
PIPE COLLAR CE
Metal Deck Floor

Scale:	Date:	
NTS	AUG 23	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COL-0502		Revision: C



Service type		Rigid floor (min. 150mm thick) Integrity	Insulation	Test Standard	Service separation Aperture	Services
PVC pipes	**Ø 32 - 50mm** (1.8mm wall thickness) **Ø 55 - 63mm** (2.3 - 3mm wall thickness) **Ø 75 - 82mm** (3.1 - 4.8mm wall thickness) **Ø 90 - 110mm** (4.2 - 7.4mm wall thickness) **Ø 125mm** (6mm wall thickness) **Ø 140mm** (6.1 - 7.5mm wall thickness) **Ø 160mm** (6.2 - 9.5mm wall thickness)	120	120	BS EN 1366-3:2009	0mm	0mm
HDPE pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9- 4.4mm wall thickness) **Ø 75 - 82mm** (2.8- 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.9 - 5.8mm wall thickness) **Ø 160mm** (4.9 - 9.5mm wall thickness)	120	120	BS EN 1366-3:2009	0mm	0mm
PP pipes	**Ø 32 - 50mm** (2.9mm wall thickness) **Ø 55 - 63mm** (2.9- 4.4mm wall thickness) **Ø 75 - 82mm** (2.8- 6.7mm wall thickness) **Ø 90 - 110mm** (2.7 - 10mm wall thickness) **Ø 125mm** (3.1mm wall thickness) **Ø 140mm** (3.5 - 8mm wall thickness) **Ø 160mm** (4 - 14.6mm wall thickness)	120	120	BS EN 1366-3:2009	0mm	0mm

ROCKWOOL Standard Detail:

Supporting Test Data : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

Service and aperture separation is taken from the casing of the collar not the pipe - i.e. 0mm between collars or 0mm from collar to substrate.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

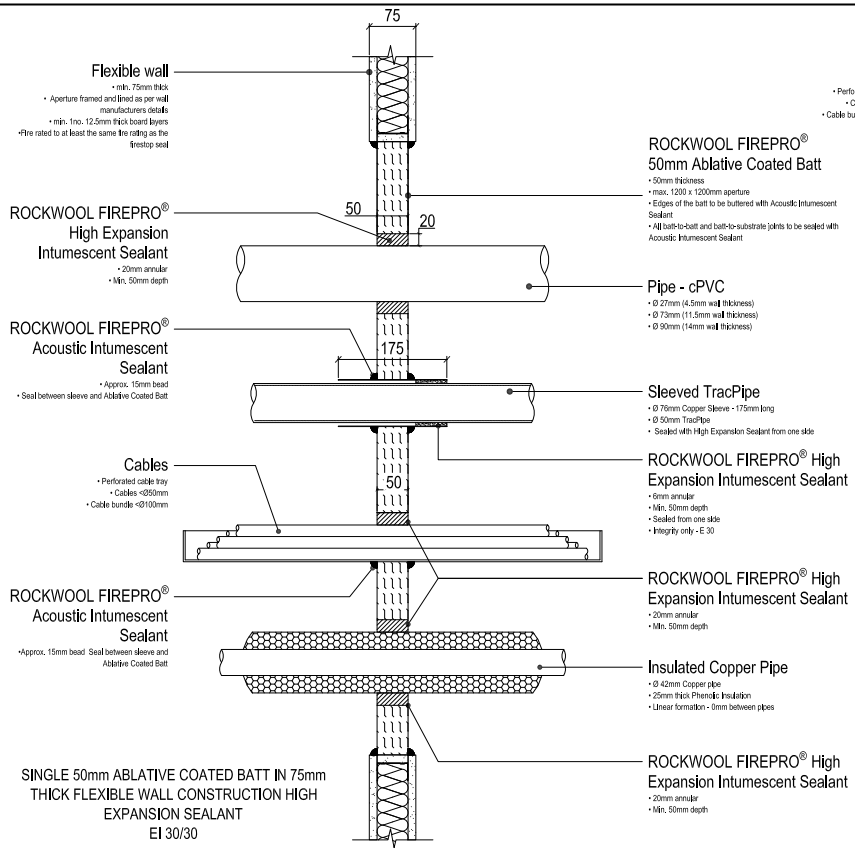
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 mins	120 mins

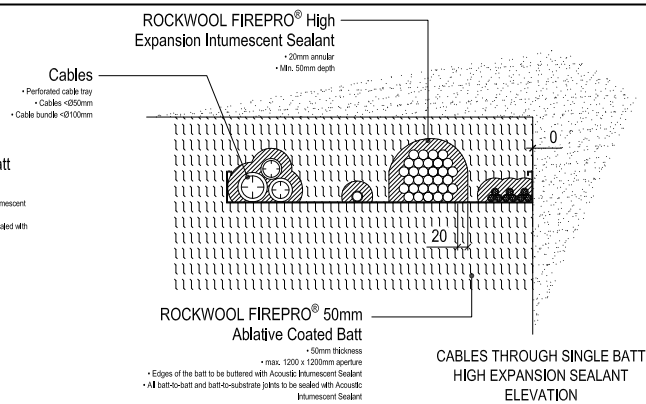
ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
PIPE COLLAR CE
Ablative Coated Batt Floor Aperture

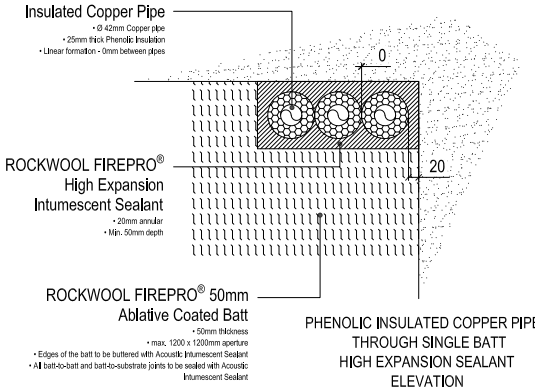
Scale:	Date:	
NTS	JUL 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-COL-0503		Revision: -



SINGLE 50mm ABLATIVE COATED BATT IN 75mm THICK FLEXIBLE WALL CONSTRUCTION HIGH EXPANSION SEALANT
EI 30/30



CABLES THROUGH SINGLE BATT HIGH EXPANSION SEALANT ELEVATION



PHENOLIC INSULATED COPPER PIPES THROUGH SINGLE BATT HIGH EXPANSION SEALANT ELEVATION

PERFORMANCE TABLE:

SINGLE 50MM ABLATIVE COATED BATT - HIGH EXPANSION SEALANT - 75MM FLEXIBLE WALLS								
Service type			Substrate	Seal	Service treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	1200mm x 1200mm	75mm Single Skin Flexible Wall Construction	1no, 50mm Ablative Coated Batt	N/A	30	30	N/A	N/A
cPVC	≤	Ø 27mm x 4.5mm wall			ROCKWOOL High Expansion Sealant 20mm annular - 50mm depth	30	30	0mm	100mm
	≤	Ø 73mm x 11.5mm wall				30	30	0mm	100mm
	≤	Ø 50mm x 9.4mm wall				30	30	0mm	100mm
	≤	Ø 50mm x 9.4mm wall @ 45 degrees				30	30	0mm	100mm
	≤	Ø 90mm x 14mm wall				30	30	20mm	100mm
TracPipe	≤	Ø 50mm with Ø76mm x 175mm long copper sleeve			ROCKWOOL High Expansion Sealant applied between pipe and sleeve - 50mm depth	30	-	0mm	100mm
Copper pipe & phenolic insulation (Linear formation)	≤	42mm x 1.2mm copper & 25mm thick phenolic insulation			ROCKWOOL High Expansion Sealant 20mm annular - 50mm depth	30	30	0mm	0mm
Perforated cable tray	=	Any width & any thickness				30	30	0mm	N/A
Electrical cables	≤	Ø 21mm				30	30	0mm	N/A
		Ø 22mm - 50mm				30	30	0mm	N/A
Telecomm cables	≤	Ø 100mm bundle				30	30	0mm	N/A

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411458 / WF 435017 / WF 411464

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal to ensure no load is transferred onto the coated batt.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

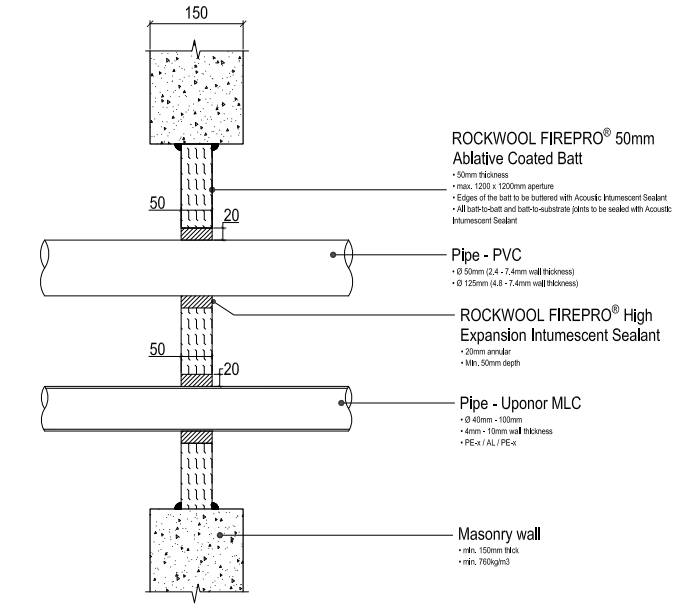
For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
30 Minutes	up to 30 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro High Expansion Intumescent Sealant
Single layer 50mm coated batt - 75mm Flexible wall

Scale:	Date:	
NTS	JUN 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0001		Revision: -



SINGLE 50mm ABLATIVE COATED BATT IN 150mm
THICK MASONRY WALL CONSTRUCTION
HIGH EXPANSION SEALANT
EI 30/30

PERFORMANCE TABLE:

SINGLE 50MM ABLATIVE COATED BATT - HIGH EXPANSION SEALANT - MASONRY WALLS								
Service type			Substrate	Seal	Service treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Uponor MLC	≤	Ø 40mm x 4mm wall	150mm thick masonry wall Min. Density 760kg/m3	1no, 50mm Ablative Coated Batt	ROCKWOOL High Expansion Sealant 20mm annular - 50mm depth	30	30	100mm	100mm
		Ø 50mm x 4.5mm wall				30	30	100mm	100mm
		Ø 63mm x 6mm wall				30	30	100mm	100mm
		Ø 75mm x 7.5mm wall				30	30	100mm	100mm
		Ø 90mm x 8.5mm wall				30	30	100mm	100mm
		Ø 110mm x 10mm wall				30	30	100mm	100mm
PVC	≤	Ø 50mm x 2.4mm - 7.4mm wall				30	30	100mm	100mm
		Ø 125mm x 4.8mm - 7.4mm wall				30	30	100mm	100mm

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal to ensure no load is transferred onto the coated batt.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be Installed In accordance with the current ROCKWOOL guidelines.

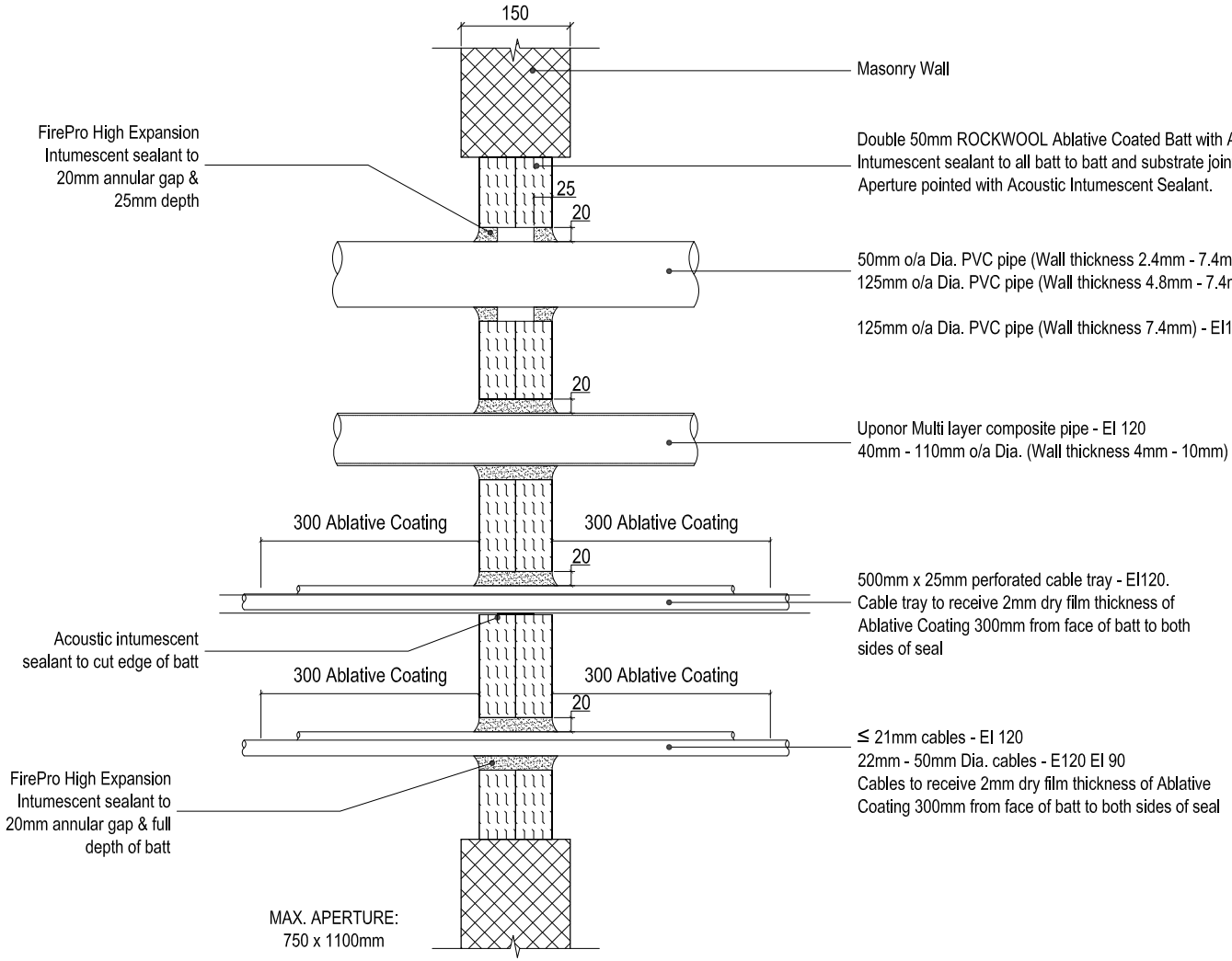
For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
30 Minutes	30 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro High Expansion Intumescent Sealant
Single layer 50mm coated batt - Masonry wall

Scale:	Date:	
NTS	JUN 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0002		Revision: -



ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01208-CPR / WF 398663

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal to ensure no load is transferred onto the coated batt.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

Contact ROCKWOOL technical for information on service separations.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
120 Minutes	up to 120 Minutes

ROCKWOOL®

Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

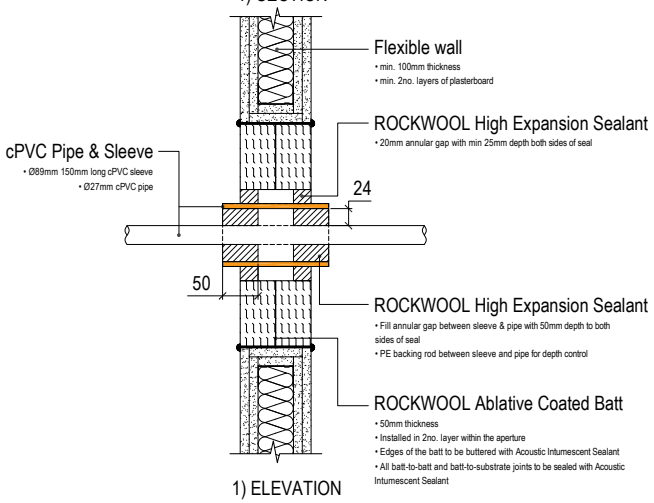
Drawing Title:

FirePro High Expansion Intumescent Sealant
Penetrations through double layer 50mm coated batt

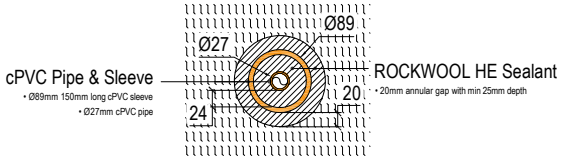
Scale:	Date:	
NTS	JUL 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0050		Revision: -

1) SLEEVED CPVC PIPE - LARGE ANNULAR GAP

1) SECTION

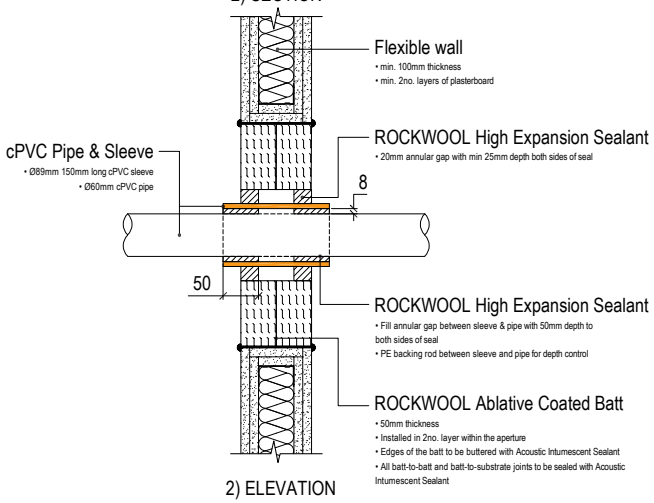


1) ELEVATION

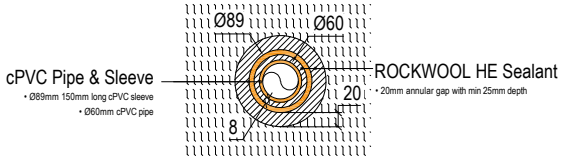


2) SLEEVED CPVC PIPE - SMALL ANNULAR GAP

2) SECTION

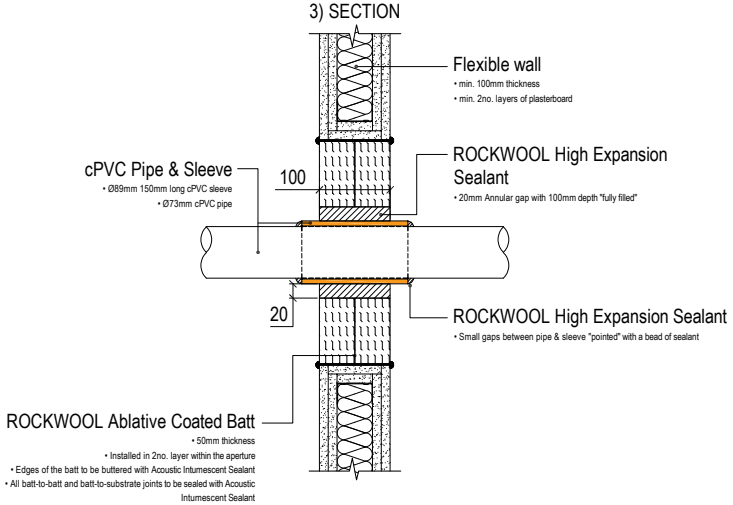


2) ELEVATION

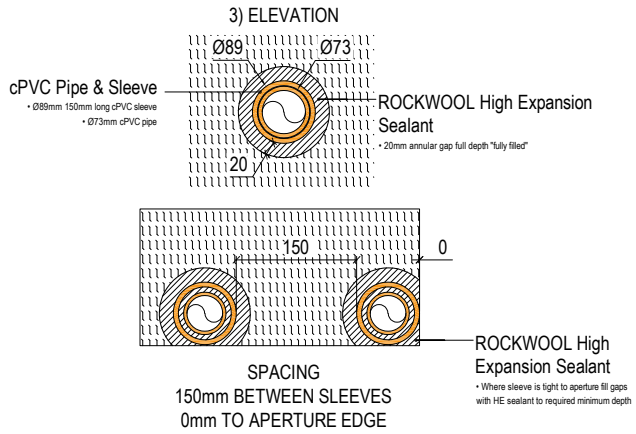


3) SLEEVED CPVC PIPE - NO ANNULAR GAP

3) SECTION



3) ELEVATION



SPACING
150mm BETWEEN SLEEVES
0mm TO APERTURE EDGE

PERFORMANCE: EI 120
cPVC PIPE WITH 150mm LENGTH cPVC SLEEVE THROUGH ABLATIVE COATED BATT - TREATED WITH HIGH EXPANSION SEALANT

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411297

Refer to Lubrizol / SPEARS CPVC Piping Systems Compatible Product Finder for further information/evidence of compatibility.

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Aperture Size: Max. 600mm wide x 400mm high.

The flexible wall construction must be installed in accordance with the manufacturer's guidelines with the aperture being fully framed and lined out. The wall construction should also be minimum 100mm thickness.

All service items should be adequately supported either side of the firestop to ensure that no load is transferred onto the seal.

Please refer to the relevant product datasheet for further installation guidance.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product datasheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 minutes	120 minutes

ROCKWOOL®
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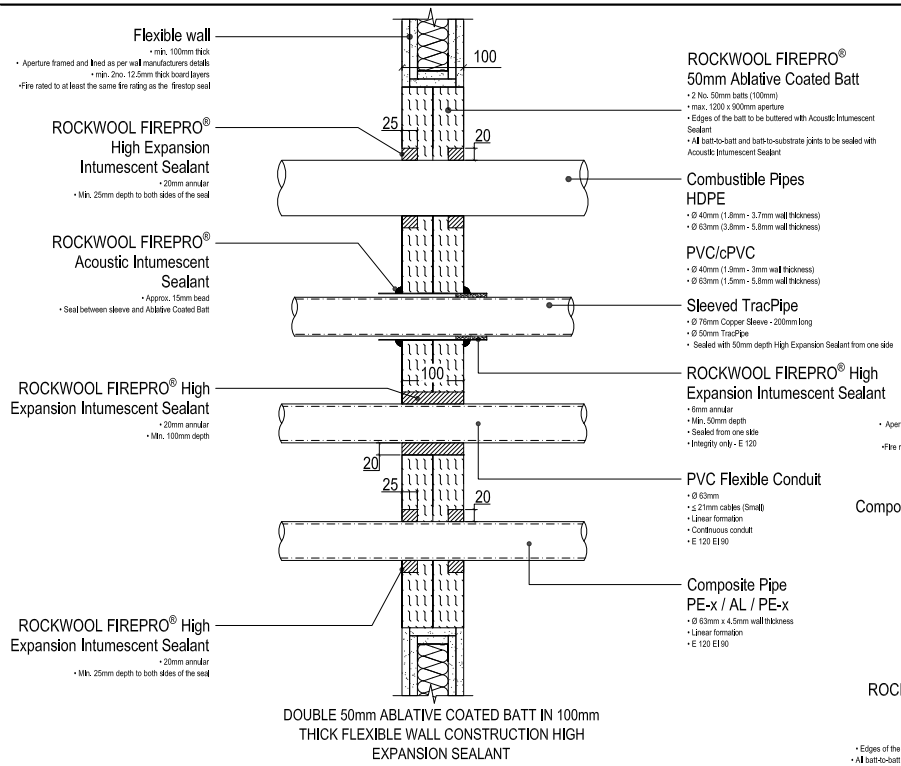
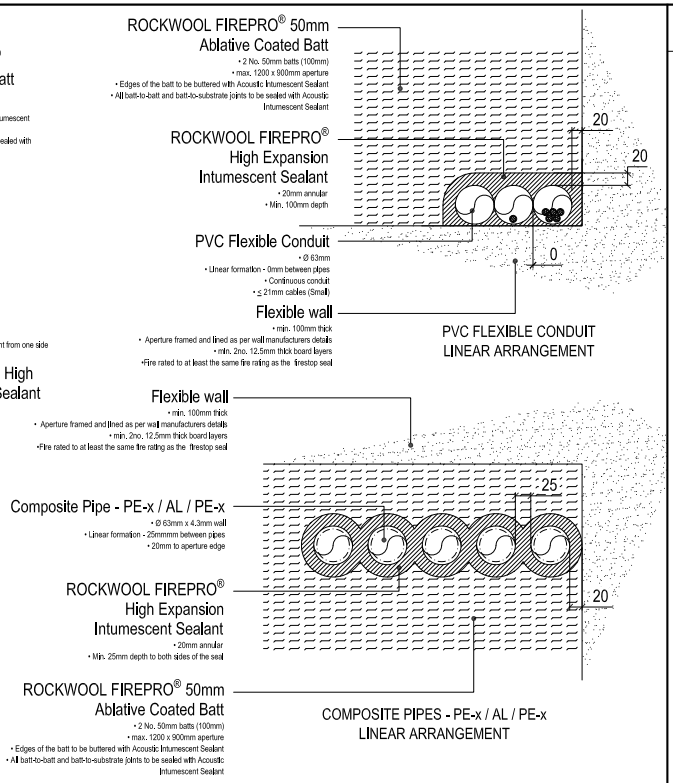
technical.solutions@rockwool.co.uk

Drawing Title:
HIGH EXPANSION INTUMESCENT SEALANT
cPVC pipes with cPVC sleeves

Scale:	Date:	
NTS	OCT 20	
Sheet Size:	Drawn By:	Checked By:
A3	S. HIRONS	L.HAM
Drawing Number:		Revision:
RWSD-HE-0051		B



DOUBLE 50mm ABLATIVE COATED BATT IN 100mm THICK FLEXIBLE WALL CONSTRUCTION HIGH EXPANSION SEALANT



PVC FLEXIBLE CONDUIT LINEAR ARRANGEMENT

COMPOSITE PIPES - PE-x / AL / PE-x LINEAR ARRANGEMENT

PERFORMANCE TABLE:

DOUBLE 50MM ABLATIVE COATED BATT - HIGH EXPANSION SEALANT - 100MM FLEXIBLE WALLS

Service type			Substrate	Seal	Service treatment	Classification		Spacing	
						Integrity	Insulation	Aperture	Identical Services
Blank seal	≤	1200mm x 900mm	100mm Double Skin Flexible Wall Construction	2no, 50mm Ablative Coated Batt	N/A	120	120	N/A	N/A
PVC	≤	Ø 40mm x 1.9mm - 3mm wall			ROCKWOOL High Expansion Sealant 20mm annular - 25mm depth (In both batt faces)	120	120	20mm	0mm
	≤	Ø 63mm x 1.5mm - 5.8mm wall				120	120	20mm	0mm
HDPE	≤	Ø 40mm x 1.8mm - 3.7mm wall				120	120	20mm	0mm
	≤	Ø 63mm x 3.8mm - 5.8mm wall				120	120	20mm	0mm
cPVC	≤	Ø 63mm x 1.5mm - 5.8mm wall				120	120	20mm	0mm
	≤	Ø 90mm x 14mm wall			ROCKWOOL High Expansion Sealant 20mm annular - 100mm depth	120	120	20mm	100mm
TracPipe	≤	Ø 50mm with Ø76mm x 200mm long copper sleeve			ROCKWOOL High Expansion Sealant applied between pipe and sleeve - 50mm depth to one side of sleeve	120	N/A	0mm	100mm
PVC Flexible conduit	≤	Ø 63mm			ROCKWOOL High Expansion Sealant 20mm annular - 100mm depth	120	90	20mm	0mm
PE-x / AL / PE-x	≤	Ø 63mm x 4.5mm			ROCKWOOL High Expansion Sealant 20mm annular - 25mm depth (In both batt faces)	120	90	20mm	25mm
PE -Xa	≤	Ø 40mm x 5.5mm				120	120	40mm	20mm

ROCKWOOL Standard Detail:

Supporting Evidence : WF 398663 / WF 411454 / WF 411467 / WF 411468

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal to ensure no load is transferred onto the coated batt.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
120 minutes	up to 120 minutes

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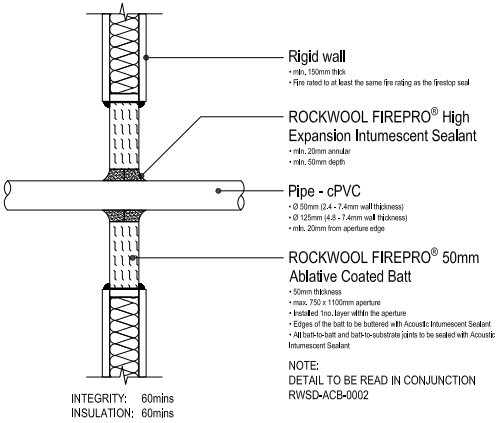
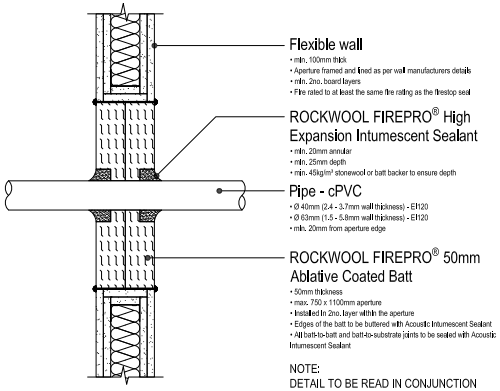
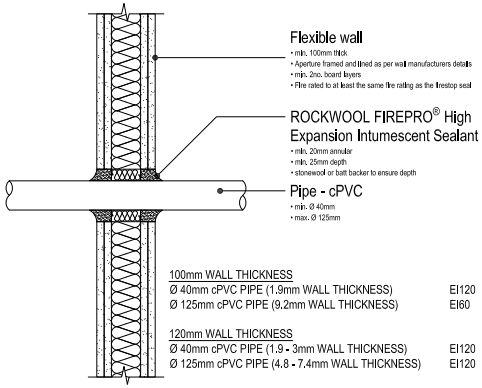
technical.solutions@rockwool.co.uk

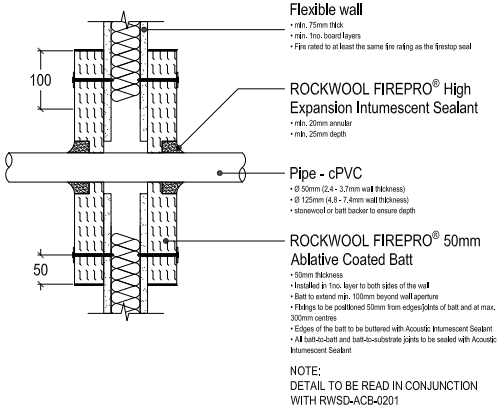
Drawing Title:
FirePro High Expansion Intumescent Sealant
Double layer 50mm coated batt - 100mm Flexible wall

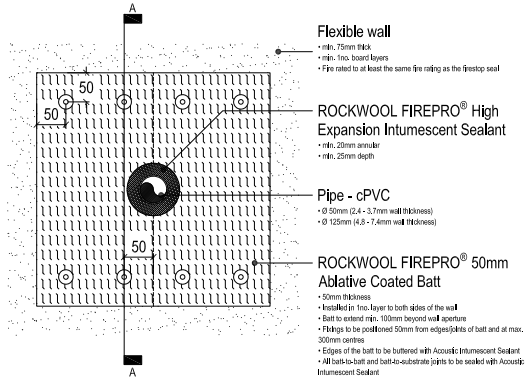
Scale:	Date:	
NTS	SEP 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0052		Revision: -











ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01202-CPR / UL-EU-01208-CPR / ETA-20/1129 / WF 398663

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines.

Solutions for flexible wall constructions can be used in masonry wall constructions of the same minimum wall thickness.

Contact cPVC pipe manufacturer for further information/evidence of compatibility.

In line with BS EN 1366-3 results on pipes made of PVC are valid for cPVC (E.4.6.8).

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
up to 120 minutes	up to 120 minutes

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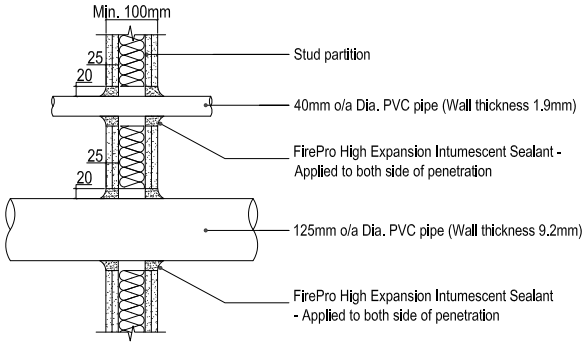
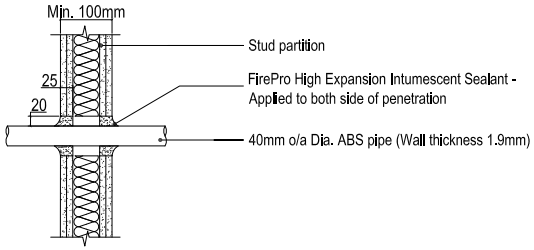
Drawing Title:
High Expansion Intumescent Sealant
cPVC application range

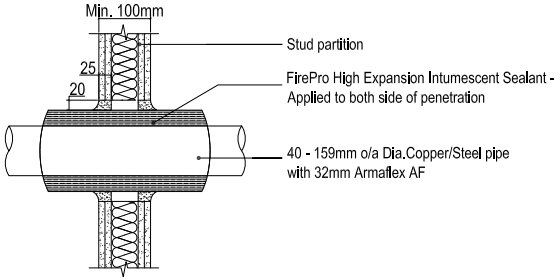
Scale:	Date:	
NTS	AUG-22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-HE-0054		Revision: A



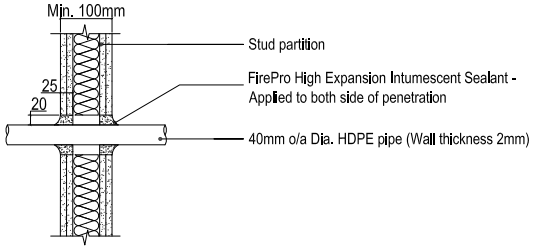
40mm PVC PIPE - EI 120
125mm PVC PIPE - EI 60



40mm ABS PIPE - EI 120



40-159mm COPPER/STEEL PIPE WITH 32mm ARMAFLEX CONTINUOUS INSULATION - E120 / EI 30



40mm HDPE PIPE - EI 120

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01202-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop. Dry wall partitions should have a minimum of 2 layers of plasterboard on each face of the wall.

All service items should be adequately supported either side of the seal.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

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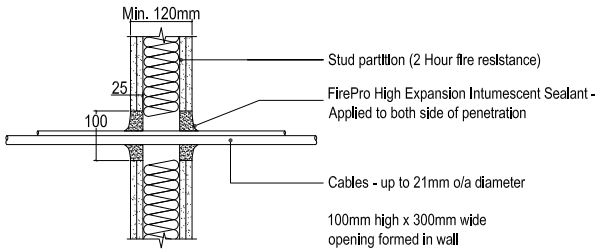
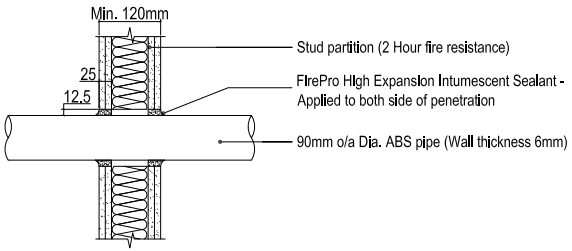
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro High Expansion Intumescent Sealant Penetrations through 100mm Drywall

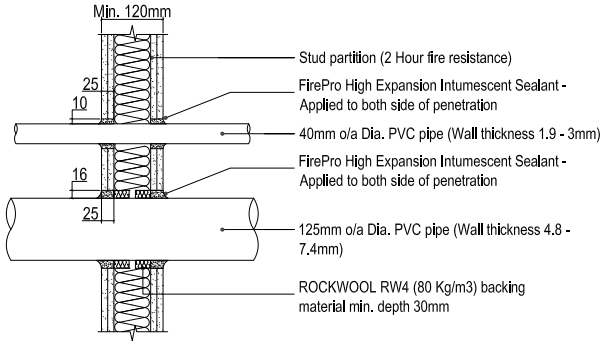
Scale:	Date:	
NTS	SEP 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0102		Revision: A



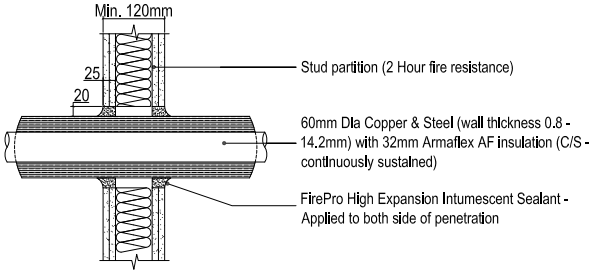
CABLES - EI 120



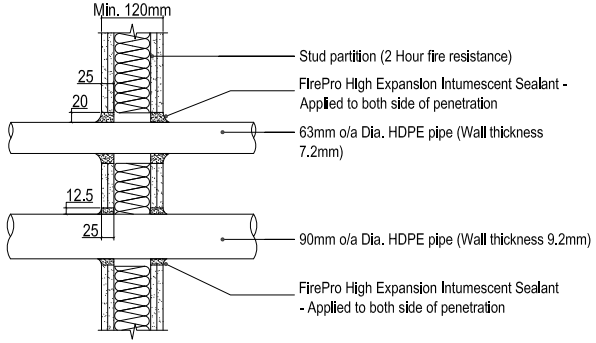
ABS PIPE - EI 120



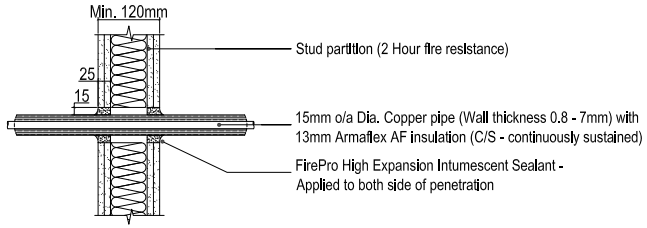
PVC PIPES - EI 120



COPPER/STEEL PIPE WITH 32mm ARMAFLEX CONTINUOUS INSULATION - E 120 / I 90



HDPE PIPES - EI 120



COPPER/STEEL PIPE WITH 13mm ARMAFLEX CONTINUOUS INSULATION - EI 120

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01202-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop. Dry wall partitions should have a minimum of 2 layers of plasterboard on each face of the wall.

All service items should be adequately supported either side of the seal.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

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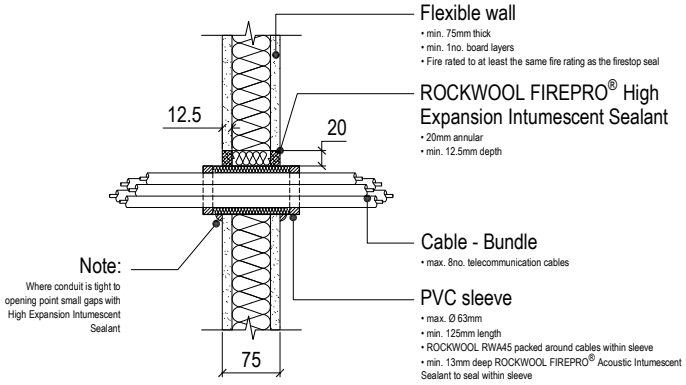
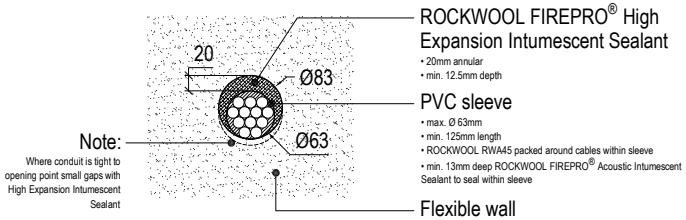
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro High Expansion Intumescent Sealant Penetrations through 120mm Drywall

Scale:	Date:	
NTS	SEP 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0103		Revision: A

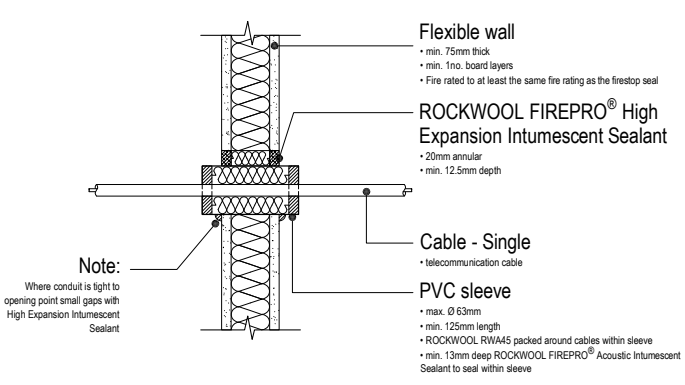
63mm Dia. PVC CONDUIT THROUGH 75mm FLEXIBLE WALL EI 60

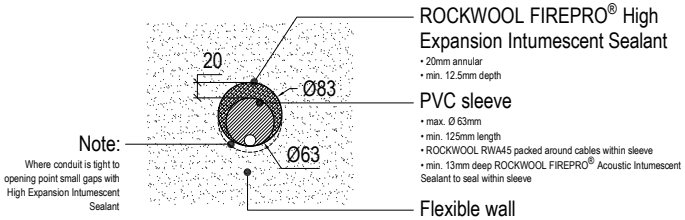




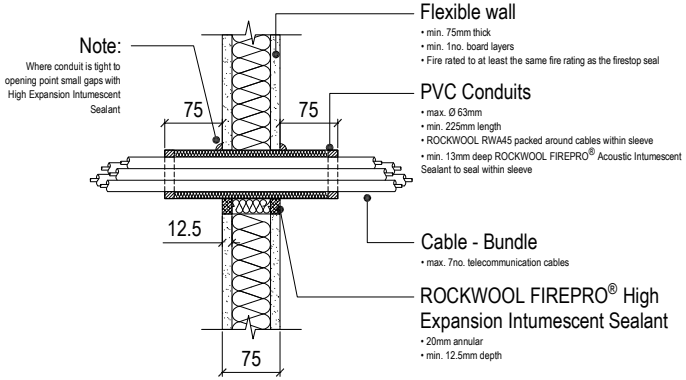
ELEVATION - 63mm Dia. PVC CONDUIT THROUGH 75mm FLEXIBLE WALL EI 60

63mm Dia. PVC CONDUIT THROUGH 75mm FLEXIBLE WALL EI 60

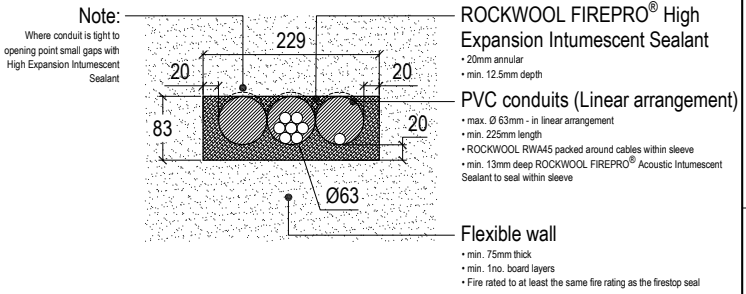




ELEVATION - 63mm Dia. PVC CONDUIT THROUGH 75mm FLEXIBLE WALL EI 60



LINEAR ARRANGEMENT OF 63mm Dia. PVC CONDUITS THROUGH 75mm FLEXIBLE WALL EI 60



LINEAR ARRANGEMENT OF 63mm Dia. PVC CONDUITS THROUGH 75mm FLEXIBLE WALL EI 60

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411460 / WF 411469
(BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 75mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Where possible a 20mm annular gap should be maintained around the full circumference of the conduit.

Applications in flexible wall constructions can be used in masonry wall constructions.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
60 minutes	60 minutes

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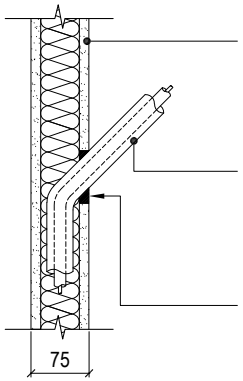
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® High Expansion Int. Sealant
75mm Flexible Wall - 1no. Board - Conduit Penetrations

Scale:	Date:	
NTS	NOV 20	
Sheet Size:	Drawn By:	Checked By:
A3	RW TECH	L.HAM
Drawing Number: RWSD-HE-0110		Revision: B

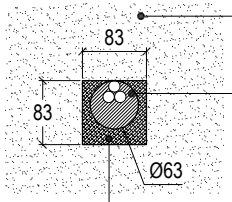
63mm Dia. PVC SLEEVE PARTIAL PENETRATION
75mm FLEXIBLE WALL
EI 90



Flexible wall
- min. 75mm thick
- min. 1no. board layers
- Fire rated to at least the same fire rating as the firestop seal

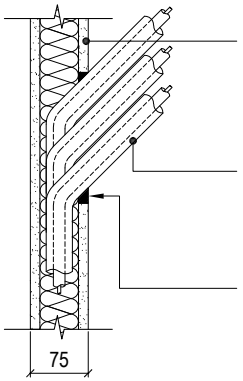
Sleeved Cable (Single)
- max. Ø63mm PVC sleeve
- min. 100mm length within wall
- Partial penetration into the flexible wall
- Conduit sleeving telecommunication cable
- End of conduit plugged with RAW45 & 13mm depth of AIS

ROCKWOOL FIREPRO® High Expansion Intumescent Sealant
- 20mm annular
- min. 12.5mm depth



ELEVATION
63mm Dia. PVC SLEEVE
PARTIAL PENETRATION
EI 90

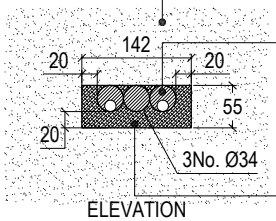
3 No. 34mm Dia. PVC SLEEVES PARTIAL PENETRATIONS
75mm FLEXIBLE WALL
EI 90/60



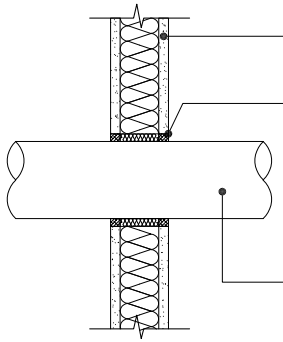
Flexible wall
- min. 75mm thick
- min. 1no. board layers
- Fire rated to at least the same fire rating as the firestop seal

Sleeved Cable (Linear arrangement)
- max. Ø34mm Century Hose sleeve
- min. 100mm length within wall
- Partial penetration into the flexible wall
- Conduit sleeving telecommunication cable
- End of conduit plugged with RAW45 & 13mm depth of AIS

ROCKWOOL FIREPRO® High Expansion Intumescent Sealant
- 20mm annular
- min. 12.5mm depth



ELEVATION
3 No. 34mm Dia. PVC SLEEVE
PARTIAL PENETRATION
EI 90/60

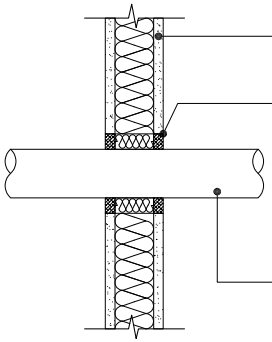


Flexible wall
- min. 75mm thick
- min. 1no. board layers
- Fire rated to at least the same fire rating as the firestop seal

ROCKWOOL FIREPRO® High Expansion Intumescent Sealant
- 10mm annular
- Min. 12.5mm depth
- RWA45 backing material

Galvanized Spiral Duct
- Max. 100mm diameter

100mm Dia. GALV. SPIRAL DUCT THROUGH
75mm FLEXIBLE WALL
E 90 (Integrity Only)



Flexible wall
- min. 75mm thick
- min. 1no. board layers
- Fire rated to at least the same fire rating as the firestop seal

ROCKWOOL FIREPRO® High Expansion Intumescent Sealant
- 20mm annular
- Min. 12.5mm depth
- RWA45 backing material

cPVC Pipe Penetration
- 63mm diameter

63mm Dia. CPVC PIPE THROUGH
75mm FLEXIBLE WALL
EI 90

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411469 (BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 75mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

For further guidance on partial pipe penetrations refer to ASFP advisory note 13.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
90 minutes	Up to 90 minutes

ROCKWOOL

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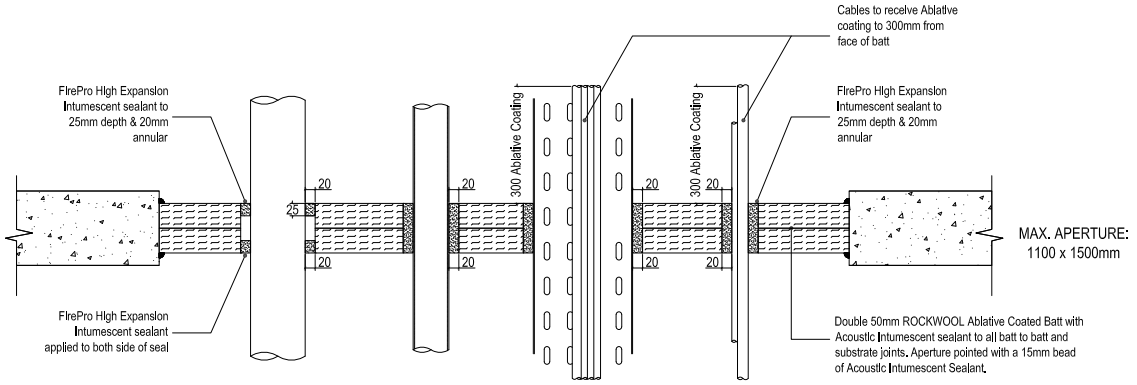
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® High Expansion Int. Sealant
75mm Flexible Wall - 1no. Board - Pipe & Partial Pens.

Scale:	Date:	
NTS	NOV 20	
Sheet Size:	Drawn By:	Checked By:
A3	RW. TECH	L.HAM
Drawing Number:		Revision:
RWSD-HE-0111		B



PVC PIPE
50mm dia - wall thickness 2.4 - 7.4mm
to
125mm dia - wall thickness 4.8mm - 7.4mm

UPONOR COMPOSITE PIPE
40-110mm O/A Dia.
4-10mm wall

PERFORATED CABLE TRAY 500mm x 25mm

47mm CABLES

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal to ensure no load is transferred onto the coated batt.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

Contact ROCKWOOL technical for information on service separations.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

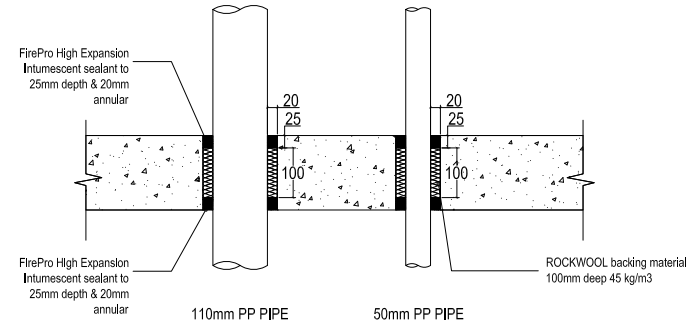
Integrity Performance:	Insulation Performance:
60 Minutes	60 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro High Expansion Intumescent Sealant Floor Penetrations through double layer 50mm coated batt

Scale:	Date:	
NTS	07.12.17	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0501		Revision: -

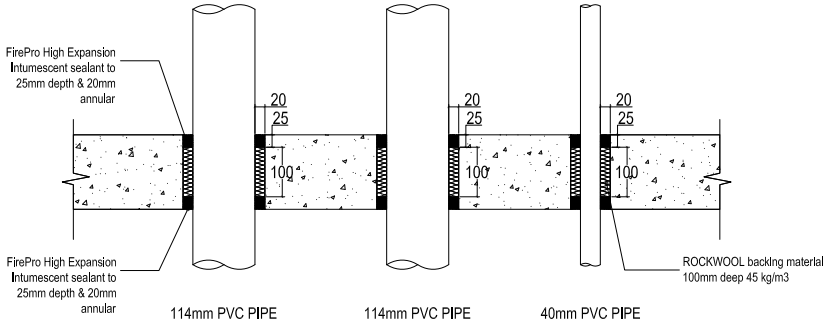
PP PIPES



110mm PP PIPE
10.7mm WALL
EI 120

50mm PP PIPE
2.1mm WALL
EI 240

PVC PIPES

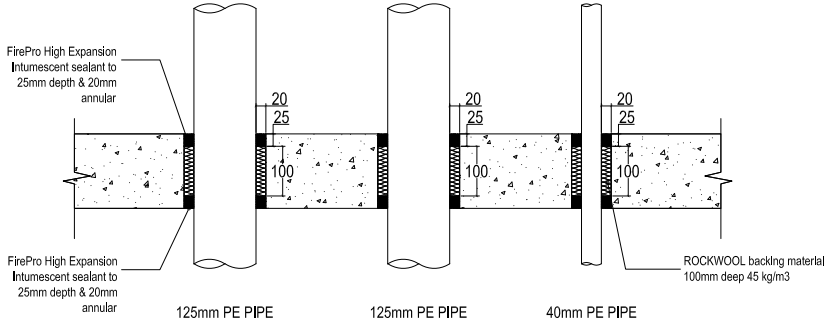


114mm PVC PIPE
8.1mm WALL
EI 120

114mm PVC PIPE
3.6mm WALL
E 90
EI 45

40mm PVC PIPE
2mm WALL
EI 240

PE PIPES



125mm PE PIPE
11.4mm WALL
EI 90

125mm PE PIPE
7.6mm WALL
EI 60

40mm PE PIPE
4.1mm WALL
EI 240

ROCKWOOL Standard Detail:

Supporting Evidence : ETA-20/1131 / UL-EU-01202-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

The sealant is to be applied above and below the floor slab.

Contact ROCKWOOL technical for information on service separations.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 240 Minutes	Up to 240 Minutes

ROCKWOOL

Pencoed, Bridgend,
South Wales CF35 6NY
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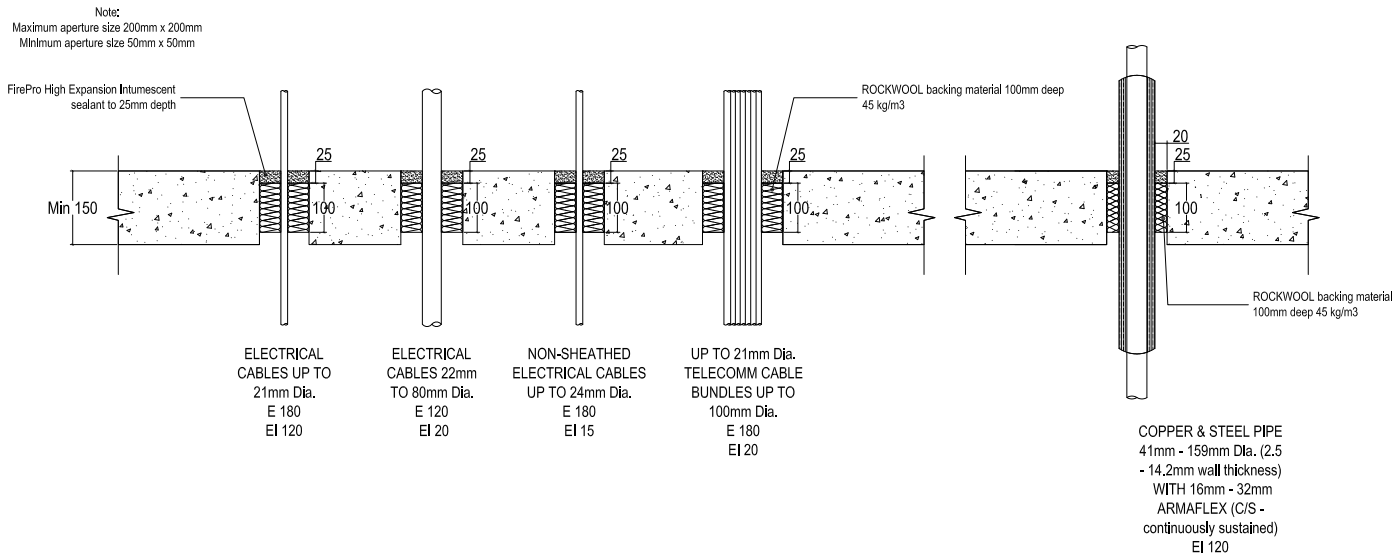
technical.solutions@rockwool.co.uk

Drawing Title:

FirePro High Expansion Intumescent Sealant Penetrations through floor (Double Sided)

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0601		Revision: -

CABLE APPLICATION



ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01202-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported on the non fire side of the seal.

The size and depth of sealant applied to the penetration annular space must be within those identified in this detail and product data sheet.

The sealant is to be applied to top of floor slab with min 100mm depth of ROCKWOOL RWA45 backing material.

Contact ROCKWOOL technical for information on service separations.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to180 Minutes	Up to 120 Minutes

ROCKWOOL®
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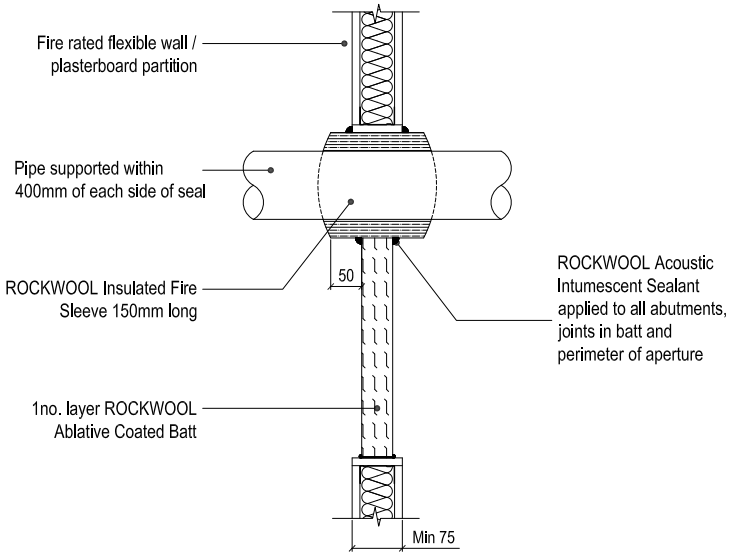
technical.solutions@rockwool.co.uk

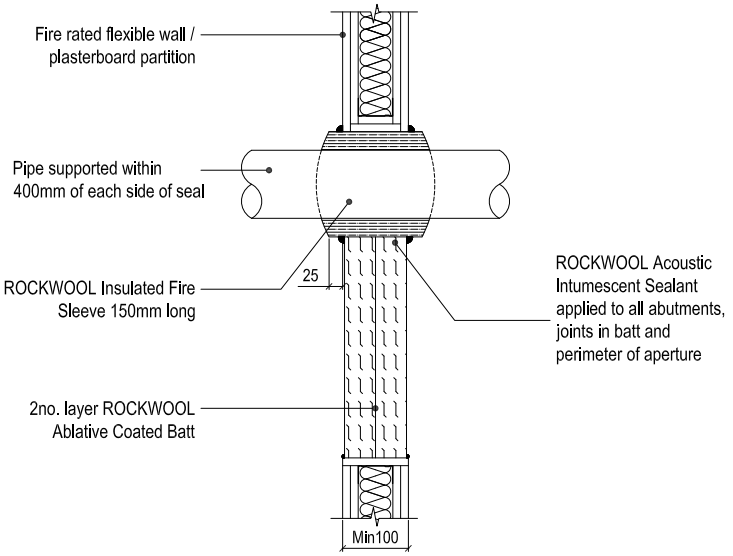
Drawing Title:
FirePro High Expansion Intumescent Sealant Penetrations through floor (Single Sided Seal)

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-HE-0602		Revision: -

ROCKWOOL INSULATED FIRE SLEEVE IN SINGLE BATT SEAL



ROCKWOOL INSULATED FIRE SLEEVE IN DOUBLE BATT SEAL



Insulated Fire Sleeve Performance Tables:

Insulated fire sleeve through single 50mm batt									
Pipe Material	Pipe Size (mm)	Pipe Wall Thickness (mm)	Substrate	Seal	Closure Device	Spacing		Classification	
						Aperture Edge (mm)	Indentical Service (mm)	Integrity	Insulation
PVC	40 - 160	1.8 - 9.5	75mm thick PB / Masonry wall	50mm ablative coated batt 600mm (h) x 900mm (w)	IFS - 150mm	0	0	30	30
HDPE	40 - 160	2.4 - 9.5							
PP	40 - 160	1.8 - 9.1							

Insulated fire sleeve through double 50mm batt									
Pipe Material	Pipe Size (mm)	Pipe Wall Thickness (mm)	Substrate	Seal	Closure Device	Spacing		Classification	
						Aperture Edge (mm)	Identical Service (mm)	Integrity	Insulation
PVC	40 - 160	1.8 - 9.5	100mm thick PB / Masonry wall	Double 50mm ablative coated batt 600mm (h) x 900mm (w)	IFS - 150mm	25	30	120	120
HDPE	40 - 160	2.4 - 9.5							

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411464 / WF 411460 / WF 411468 (BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of seal - min 400mm from face of batt seal.

Insulated Fire Sleeve to be minimum 150mm long through the batt seal.

Solutions for flexible wall constructions can be used in masonry constructions of the same minimum wall thickness (75mm or 100mm)

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

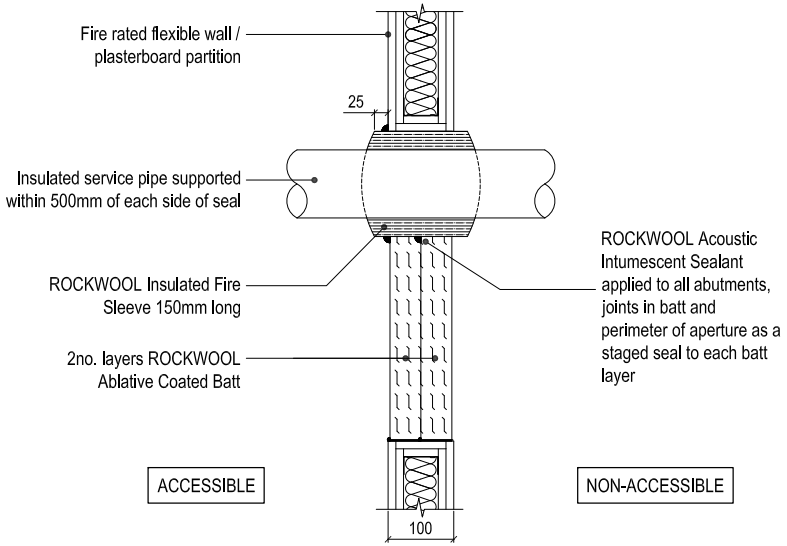
Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

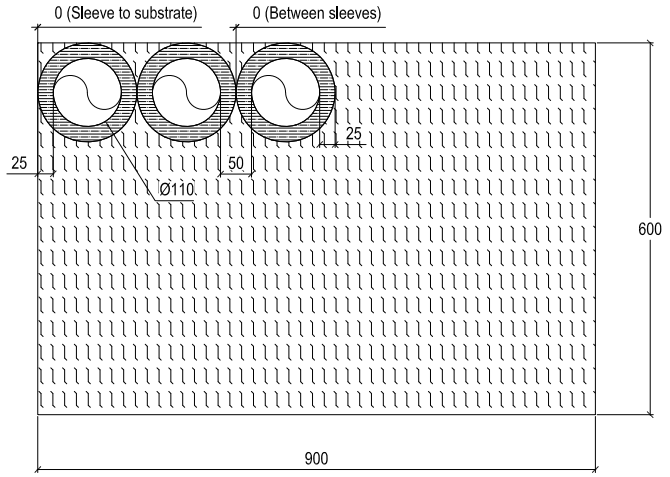
Drawing Title:
FirePro Insulated Fire Sleeve:
Penetration Seal through Single & Double Batt Wall Seal

Scale:	Date:	
NTS	SEP 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-IFS-0001		Revision: C

ROCKWOOL INSULATED FIRE SLEEVE IN DOUBLE BATT SEAL - SINGLE SIDED INSTALL



ROCKWOOL INSULATED FIRE SLEEVE IN DOUBLE BATT SEAL - SEPARATION



ROCKWOOL Standard Detail:

Supporting Evidence : WF 411467 (BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of seal - min 500mm from face of batt seal.

Insulated Fire Sleeve to be minimum 150mm long through the batt seal.

Solutions for flexible wall constructions can be used in masonry constructions of the same minimum wall thickness (100mm Min)

Single sided batt installs to allow for a staged seal with ROCKWOOL Acoustic Intumescent Sealant at each batt layer.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

Insulated Fire Sleeve Performance Tables:

Insulated fire sleeve through double 50mm batt - Single sided installation									
Pipe Material	Pipe Size (mm)	Pipe Wall Thickness (mm)	Substrate	Seal	Closure Device	Spacing		Classification	
						Aperture Edge Separation (mm)	Service Separation (mm)	Integrity	Insulation
PVC	40 - 110	1.8 - 6.6	100mm thick PB / Masonry wall	Double 50mm ablative coated batt 600mm (h) x 900mm (w)	IFS - 150mm	0	0	120	120
HDPE	40 - 110	2.4 - 6.6							

ROCKWOOL

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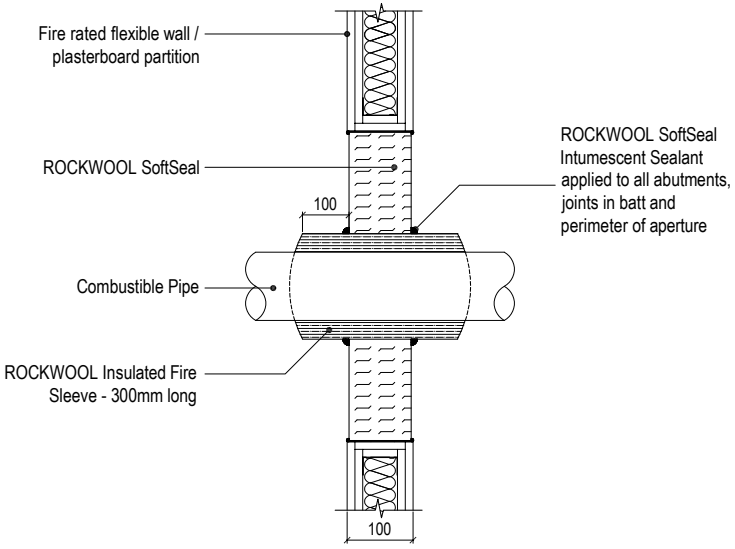
Drawing Title:

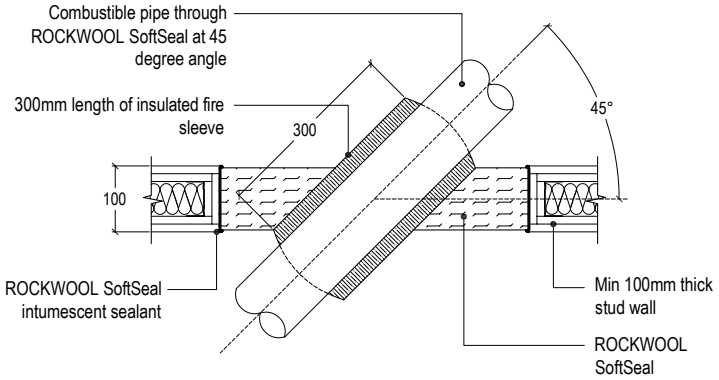
FirePro Insulated Fire Sleeve:
Single Sided Install Through Double Batt Wall Seal

Scale:	Date:	
NTS	NOV 20	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-IFS-0002		Revision: B

ROCKWOOL INSULATED FIRE SLEEVE IN SOFTSEAL - SECTION DETAIL



ROCKWOOL INSULATED FIRE SLEEVE IN SOFTSEAL @ 45 degrees - PLAN DETAIL



Insulated Fire Sleeve Performance Tables:

Insulated Fire Sleeve through SoftSeal - Angled Pipes (45 degrees)									
Pipe Material	Pipe Size (mm)	Pipe Wall Thickness (mm)	Substrate	Seal	Closure Device	Spacing		Classification	
						Aperture Edge Separation (mm)	Service Separation (mm)	Integrity	Insulation
PVC	40 - 110	1.8 - 6.6	100mm thick PB / Masonry wall	100mm softseal 1200mm (h) x 1200mm (w)	IFS - 300mm	0	0	120	120
HDPE	40 - 110	2.4 - 6.6							
PVC	<160	<9.5					35		
HDPE	<160	<9.5							

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411471 (BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of seal - min 350mm from face of batt seal.

Insulated Fire Sleeve to be minimum 300mm long through SoftSeal batt.

Solutions for flexible wall constructions can be used in masonry constructions of the same minimum wall thickness (100mm Min.)

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

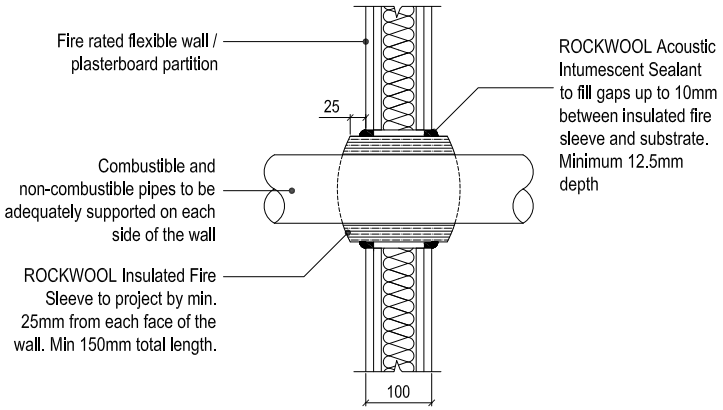
ROCKWOOL

Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

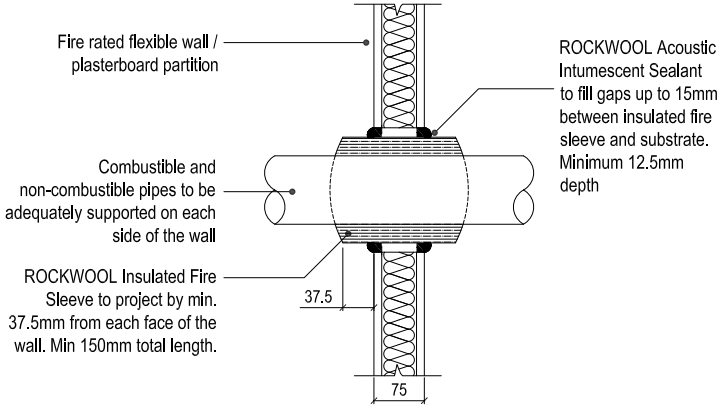
Drawing Title:
FirePro Insulated Fire Sleeve: SoftSeal - Angled Pipes

Scale:	Date:	
NTS	NOV 20	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-IFS-0003		Revision: B

ROCKWOOL INSULATED FIRE SLEEVE
THROUGH 100MM THICK WALL



ROCKWOOL INSULATED FIRE SLEEVE
THROUGH 75MM THICK WALL



Insulated Fire Sleeve Performance Tables:

Insulated fire sleeve through 100mm PB/Masonry Wall							
Pipe Material	Pipe Size (mm)	Pipe Wall Thickness (mm)	Substrate	Closure Device	Annular Gap	Classification	
						Integrity	Insulation
PVC	40 - 160	1.8 - 9.5	100mm thick PB / Masonry	IFS - 150mm	10mm max 25mm depth	120	120
HDPE	40 - 160	2.4 - 9.5					
PP	40 - 110	1.8 - 6.3					
PP	160	4				90	60
PP	160	9.1					
Steel	≤168	4				120	15
Cable Bundle with insulated fire sleeve							
110mm Dia. Data Cable Bundle			100mm thick PB / Masonry	IFS - 150mm	5mm max 12.5mm depth	60	60

Insulated fire sleeve through 75mm PB/Masonry Wall							
Pipe Material	Pipe Size (mm)	Wall Thickness (mm)	Substrate	Closure Device	Annular Gap	Classification	
						Integrity	Insulation
PVC	40 - 160	1.8 - 9.5	75mm thick PB / Masonry	IFS - 150mm	15mm max 12.5mm depth	60	60
HDPE	40 - 160	2.4 - 9.5					
PP	40 - 160	1.8 - 9.1					
Cable Bundle with insulated fire sleeve							
110mm Dia. Data Cable Bundle			75mm thick PB / Masonry	IFS - 150mm	5mm max 12.5mm depth	60	60

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411457 / WF 411460 / WF 411464 / WF 411467 (BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Insulated Fire Sleeve to be minimum 150mm long through wall.

Solutions for flexible wall constructions can be used in masonry constructions of the same minimum wall thickness (75mm or 100mm)

Core holes through walls to have a minimum separation of 150mm. For reduced separation please contact ROCKWOOL Technical.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

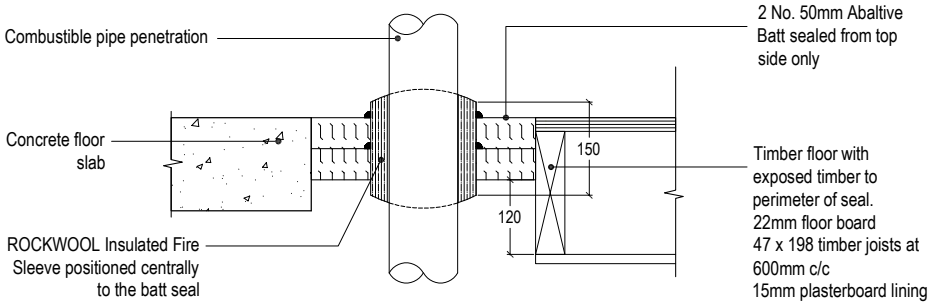
Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

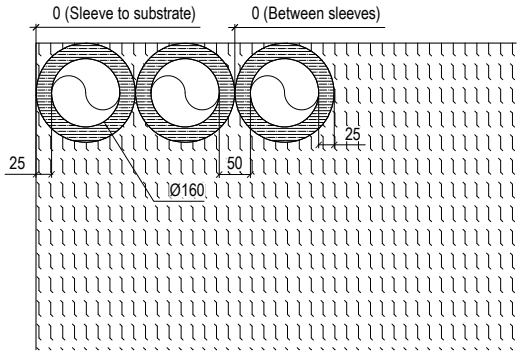
Drawing Title:
FirePro Insulated Fire Sleeve:
Penetration Seal through Wall (75mm & 100mm thick)

Scale:	Date:	
NTS	AUG 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L. HAM
Drawing Number: RWSD-IFS-0101		Revision: C

ROCKWOOL INSULATED FIRE SLEEVE IN DOUBLE BATT FLOOR SEAL - SECTION



ROCKWOOL INSULATED FIRE SLEEVE IN DOUBLE BATT FLOOR SEAL - SEPARATION PLAN



Insulated Fire Sleeve Performance Tables:

Insulated fie sleeve through double 50mm batt									
Pipe Material	Pipe Size (mm)	Pipe Wall Thickness (mm)	Substrate	Seal	Closure Device	Spacing		Classification	
						Aperture Edge Separation (mm)	Service Separation (mm)	Integrity	Insulation
PVC	40 - 160	1.8 - 9.5	Timber Floor Construction	Double 50mm ablative batt seal 1600mm x 1100mm	IFS - 150mm	0	0 (Linear)	60	60
HDPE	40 - 160	2.4 - 9.5							
PP	40 - 160	1.8 - 9.1							
Rehau (PEX)	40	5.5		Double 50mm ablative batt seal 1100mm x 700mm		0	n/a	90	90
Tracpipe	DN50 (66mm od)	6				0	n/a	90	90
PVC/HDPE/PP	40	1.8 - 3.7				0	0 (Linear)	90	90

ROCKWOOL Standard Detail:

Supporting Evidence : WF 423089 / WF 423090
(BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of seal.

Insulated Fire Sleeve to be minimum 150mm long through double batt seal.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 90 Minutes	Up to 90 Minutes

ROCKWOOL

Pencoed, Bridgend,
South Wales CF35 6NY
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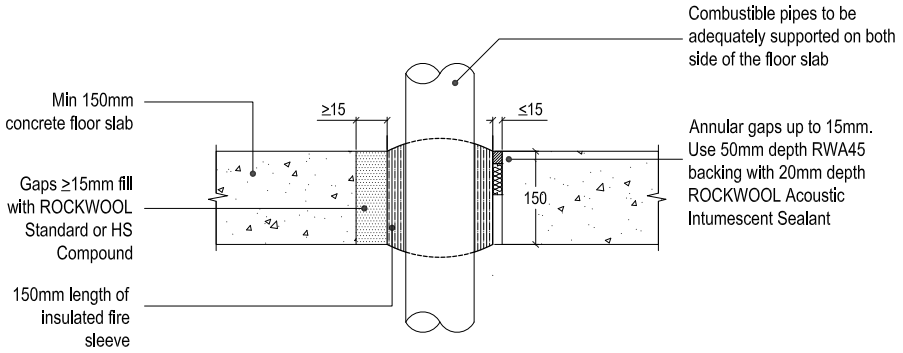
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro Insulated Fire Sleeve:
Double 50mm Ablative Coated Batt Floor Seal

Scale:	Date:		
NTS	NOV 20		
Sheet Size:	Drawn By:	Checked By:	
A3	RW TECH	L.HAM	
Drawing Number:		Revision:	
RWSD-IFS-0501		B	



Insulated Fire Sleeve Performance Tables:

Insulated fire sleeve through 150mm AAC slab							
Pipe Material	Pipe Size (mm)	Pipe Wall Thickness (mm)	Substrate	Closure Device	Annular Gap	Classification	
						Integrity	Insulation
PVC	40 - 160	1.8 - 9.5	150mm Aerated concrete slab	IFS - 150mm	15mm - sealed with 20mm deep AIS with 50mm RWA45 backing	180	120
HDPE	40 - 160	2.4 - 9.5					
PP	40 - 160	1.8 - 9.1					60

ROCKWOOL Standard Detail:

Supporting Evidence : WF 416060

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Insulated Fire Sleeve to be minimum 150mm long through floor. For floor thickness less than 150mm please contact ROCKWOOL technical.

Core holes through floors to have a minimum separation of 150mm. For reduced separation please contact ROCKWOOL Technical.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

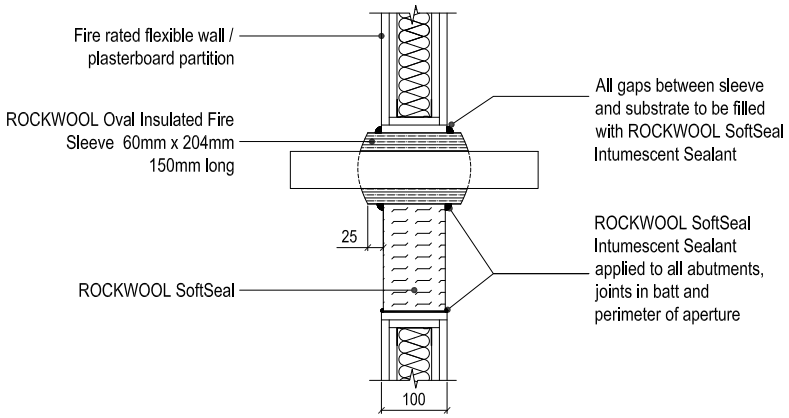
Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

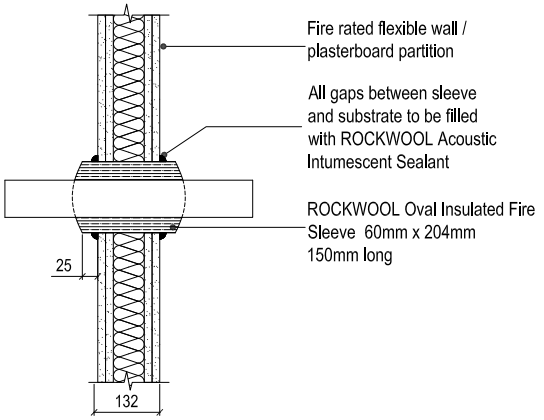
Drawing Title:
FirePro Insulated Fire Sleeve:
Penetration Seal through Floor

Scale:	Date:	
NTS	AUG 23	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-IFS-0601		Revision: C

ROCKWOOL OVAL INSULATED FIRE SLEEVE
IN SOFTSEAL - SECTION



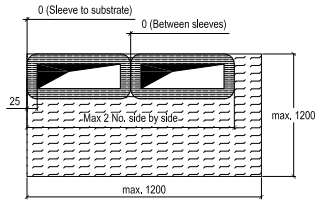
ROCKWOOL OVAL INSULATED FIRE SLEEVE
IN FLEXIBLE WALL - SECTION



Oval Insulated Fire Sleeve Performance Tables:

Oval insulated fire sleeve (EN)									
Vent Material	Vent Size (mm)	t Wall Thickness (m	Substrate	Seal	Closure Device	Spacing		Classification	
						Aperture Edge Separation (mm)	Service Separation (mm)	Integrity	Insulation
PVC	204 x 60	2	100mm thick PB / Masonry wall	100mm softseal 1200mm (h) x 1200mm (w)	OIFS - 150mm	0	0	60	60
PVC	110 x 54	1.5 - 1.7mm	132mm thick PB / Masonry wall	N/A		-	100	120	120
PVC	204 x 60	1.5 - 1.7mm	132mm thick PB / Masonry wall	N/A		-	100	120	120

ROCKWOOL OVAL INSULATED FIRE SLEEVE IN SOFTSEAL - SEPARATION ELEVATION



Oval insulated fire sleeve (BS)									
Vent Material	Vent Size (mm)	Vent Wall Thickness (mm)	Substrate	Seal	Closure Device	Spacing		Classification	
						Aperture Edge Separation (mm)	Service Separation (mm)	Integrity	Insulation
PVC	110 x 54	1.5 - 1.7mm	100mm PB / Masonry wall	50mm Ablative Coated Batt	OIFS - 150mm	100	100	60	60
PVC	204 x 60	1.5 - 1.7mm		50mm Ablative Coated Batt		100	100	60	60
PVC	220 x 90	1.8		50mm Ablative Coated Batt		100	100	60	60
PVC	110 x 54	1.5 - 1.7mm		Double 50mm ablative Coated Batt		100	100	120	120
PVC	205 x 60	1.5 - 1.7mm		Double 50mm ablative Coated Batt		100	100	120	120
PVC	220 x 90	1.8		Double 50mm ablative Coated Batt		100	100	60	60

ROCKWOOL Standard Detail:

Supporting Evidence : WF 411470 (BS EN 1366-3:2009) / ETA 14/0389 / PAR 23591-01 (BS)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of seal.

Insulated Fire Sleeve to be minimum 150mm long through SoftSeal batt.

220 x 90mm Oval Insulated Fire Sleeve is supplied with an additional 4mm intumescent strips.

Maximum of 2 No. Oval Sleeves side by side with zero separation between sleeves.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further Information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
up to 120 Minutes	up to 120 Minutes

ROCKWOOL®

Pencoed, Bridgend,
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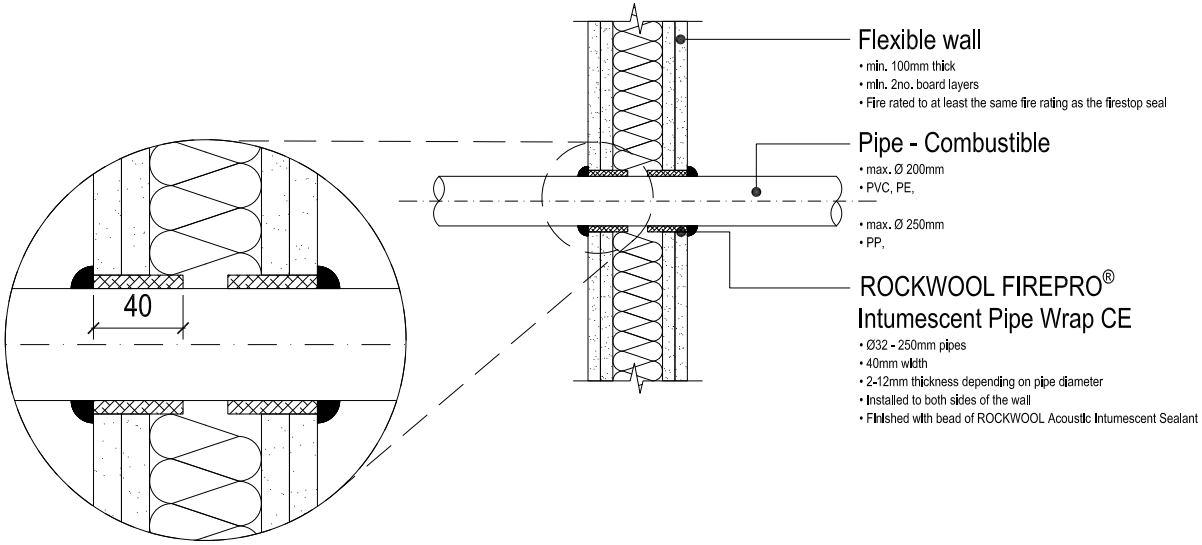
technical.solutions@rockwool.co.uk

Drawing Title:

FirePro Oval Insulated Fire Sleeve:
Service penetration - plastic vents through walls

Scale:	Date:	
NTS	SEP 23	
Sheet Size:	Drawn By:	Checked By:
A3	RW TECH	L.HAM
Drawing Number:		Revision:
RWSD-IFS-1003		D



ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01207-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All pipes tested in uncapped/capped applications.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 100mm. This detail can also be applied to rigid wall constructions, 650kg/m^3 minimum density, of 100mm minimum thickness and ROCKWOOL FIrestop Compound seals.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further Installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Performance Table:

Service type		Flexible / rigid wall (min. 100mm thick) Integrity	Insulation	Test Standard	Service separation Aperture	Services
PVC pipes	Ø 32 - 50mm (1.8mm wall thickness)	120	120	EN	N/A	100mm
	Ø 160mm (6.2mm wall thickness)	90	90			
	Ø 160mm (9.5mm wall thickness)	120	120			
	Ø 200mm (7.7 - 9.6mm wall thickness)					
PP pipes	Ø 32 - 50mm (2.9mm wall thickness)	120	120	EN	N/A	100mm
	Ø 160mm (4mm wall thickness)		90			
	Ø 160mm (14.6mm wall thickness)		120			
	Ø 200mm (4.9mm wall thickness)		90			
	Ø 200mm (18.2mm wall thickness)		120			
	Ø 250mm (10.1mm wall thickness)		15			
PE pipes	Ø 32 - 50mm (2.9mm wall thickness)	120	120	EN	N/A	100mm
	Ø 160mm (9.5mm wall thickness)	90	90			
	Ø 200mm (18.4mm wall thickness)	120	120			

Wrap Table:

Intumescent Thickness	
Pipe Diameter	Intumescent Material
Ø32 - 50mm	40mm (w) x 2mm (t)
Ø51 - 82mm	40mm (w) x 4mm (t)
Ø83 - 115mm	40mm (w) x 6mm (t)
Ø116 - 160mm	40mm (w) x 8mm (t)
Ø161 - 200mm	40mm (w) x 10mm (t)
Ø201 - 250mm	40mm (w) x 12mm (t)

Integrity Performance:	Insulation Performance:
max. 120 minutes	max. 120 minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
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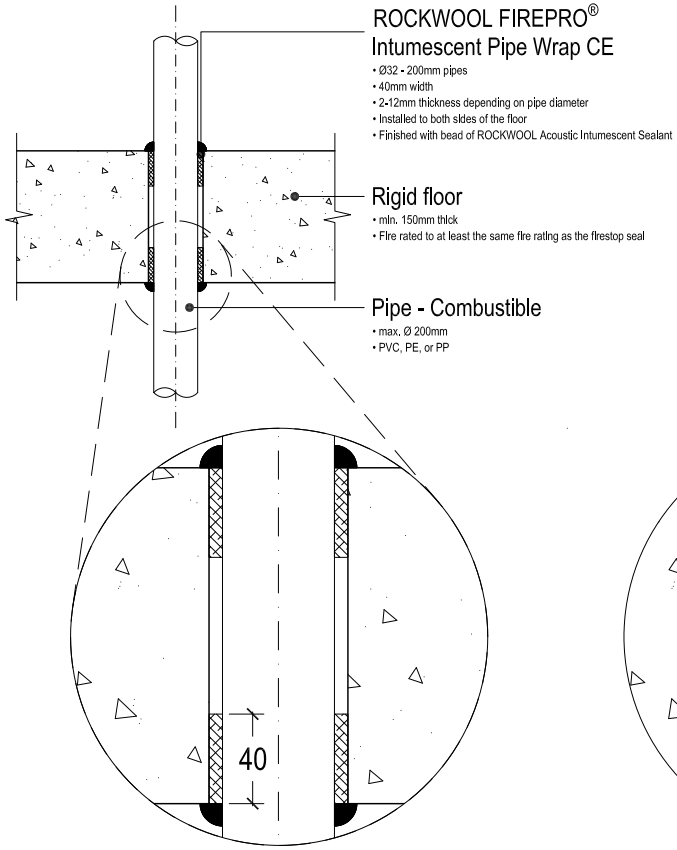
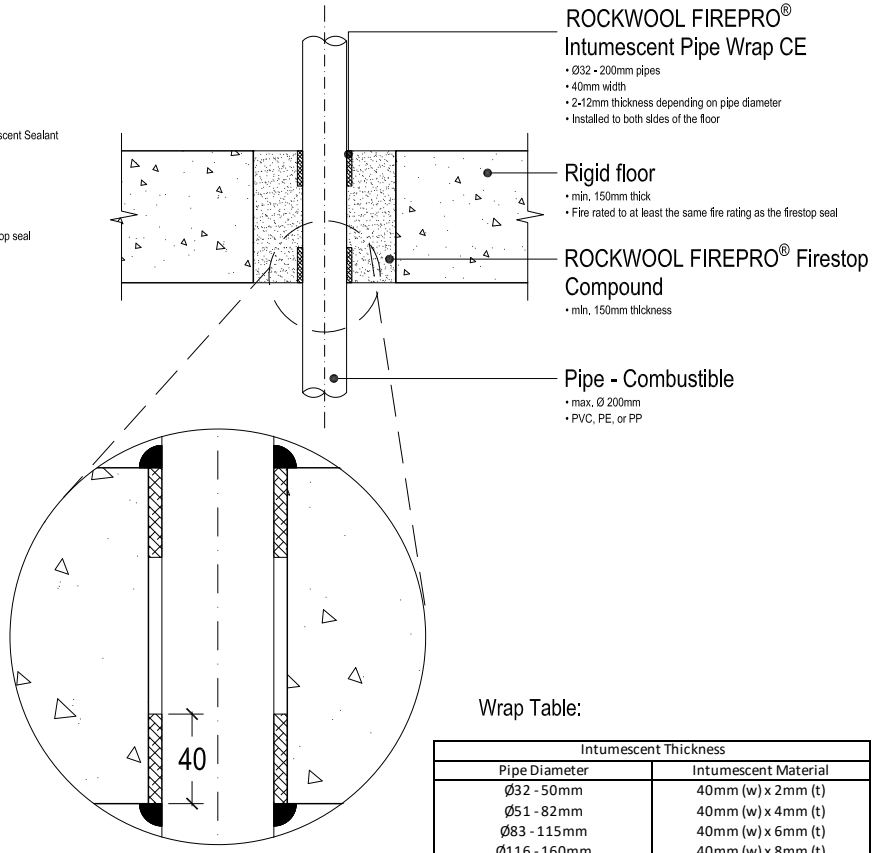
technical.solutions@rockwool.co.uk

Drawing Title:
PIPE WRAP CE
Direct Through Wall

Scale:	Date:	
NTS	AUG-22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-PW-0001		Revision: C





Wrap Table:

Intumescent Thickness	
Pipe Diameter	Intumescent Material
Ø32 - 50mm	40mm (w) x 2mm (t)
Ø51 - 82mm	40mm (w) x 4mm (t)
Ø83 - 115mm	40mm (w) x 6mm (t)
Ø116 - 160mm	40mm (w) x 8mm (t)
Ø161 - 200mm	40mm (w) x 10mm (t)

Performance Table:

Service type		Rigid floor (min. 150mm thick) Integrity	Rigid floor (min. 150mm thick) Insulation	Test Standard	Service separation Aperture	Service separation Services
PVC pipes	Ø 32 - 50mm (1.8mm wall thickness)	120	120	EN	N/A	100mm
	Ø 200mm (7.7mm wall thickness)		90			
	Ø 200mm (9.6mm wall thickness)	60	60			
PP pipes	Ø 32 - 50mm (2.9mm wall thickness)	120	120	EN	N/A	100mm
	Ø 200mm (4.9mm wall thickness)	15	15			
	Ø 200mm (18.2mm wall thickness)	120	90			
HDPE pipes	Ø 32 - 50mm (2.9mm wall thickness) Ø 200mm (4.9mm wall thickness) Ø 200mm (11.4mm wall thickness)	120	120	EN	N/A	100mm

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01207-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All pipes tested in uncapped/capped applications.

Rigid floor constructions must have a minimum density of 650kg/m^3. The floor construction should be a minimum thickness of 150mm. This detail can also be applied to ROCKWOOL Firestop Compound floor seals of 150mm minimum thickness.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

For pipe spacing less than 100mm please contact ROCKWOOL Technical Solutions.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
max. 120 minutes	max. 120 minutes

ROCKWOOL®
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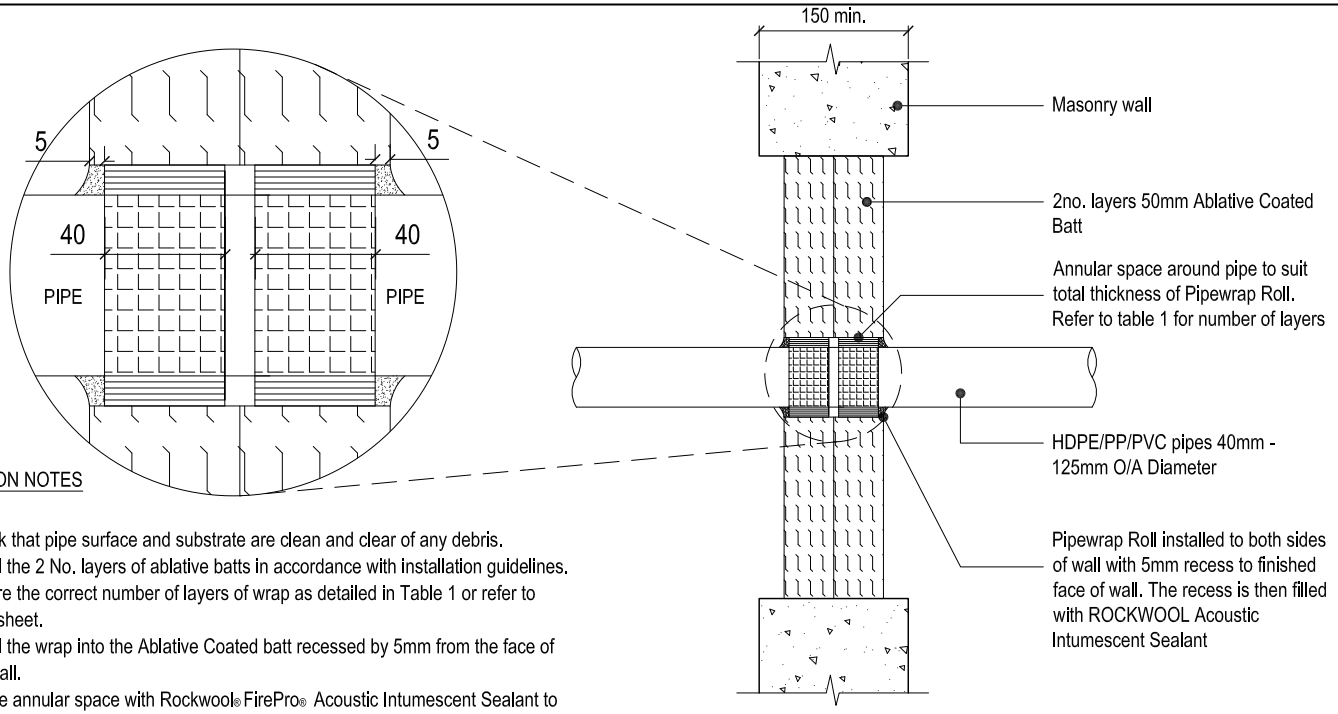
technical.solutions@rockwool.co.uk

Drawing Title:
PIPE WRAP CE
Solid Floor

Scale:	Date:	
NTS	AUG-22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-PW-0501		Revision: C



SECTION THROUGH MASONRY WALL WITH COMBUSTIBLE PIPE PENETRATION WITH PIPEWRAP ROLL

INSTALLATION NOTES

1) Check that pipe surface and substrate are clean and clear of any debris.
2) Install the 2 No. layers of ablative batts in accordance with installation guidelines.
3) Ensure the correct number of layers of wrap as detailed in Table 1 or refer to data sheet.
4) Install the wrap into the Ablative Coated batt recessed by 5mm from the face of the wall.
5) Fill the annular space with Rockwool® FirePro® Acoustic Intumescent Sealant to seal off the 5mm gap to the edge of the substrate.
6) Maintain a record of the installation.

TABLE 1:

Pipe Size	Wrap Thickness	Layers
32-50	40mm (W) x 2mm (T)	1
51-82	40mm (W) x 4mm (T)	2
83-115	40mm (W) x 6mm (T)	3
116-160	40mm (W) x 8mm (T)	4
151-200	40mm (W) x 10mm (T)	5
201-250	40mm (W) x 12mm (T)	6

PERFORMANCE TABLE:

Penetration Type/Size (mm)		Insulation Thickness (mm)	Supporting construction	Seal	Service Treatment	Service Separation	Substrate Separation	Performance	
								Integrity	Insulation
PVC	40mm	1.8mm - 3.7mm	150mm thick masonry wall (650 kg/m³)	Double 50mm ROCKWOOL Ablative Coated Batt - 1100mm x 800mm	ROCKWOOL Pipe Wrap Roll	100mm (Between sleeves)	100mm	120	120
	125mm	4.8mm - 7.4mm						120	120
PP	40mm	2.9mm - 6.9mm						120	120
	125mm	3.1mm - 17.1mm						120	120
HDPE	40mm	2.9mm - 4.6mm						120	120
	125mm	3.1mm - 11.4mm						120	120

ROCKWOOL Standard Detail:

Supporting Evidence : WF 405625 (BS EN 1366-3)

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the Firestop to ensure that no permanent load is transferred onto the coated batt.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 minutes	120 minutes

ROCKWOOL®
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t: 01656 868490
email: technical.solutions@rockwool.co.uk

Drawing Title:
Pipewrap Roll - Combustible Pipes
Double batt aperture seal

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-PWR-0001		Revision: -

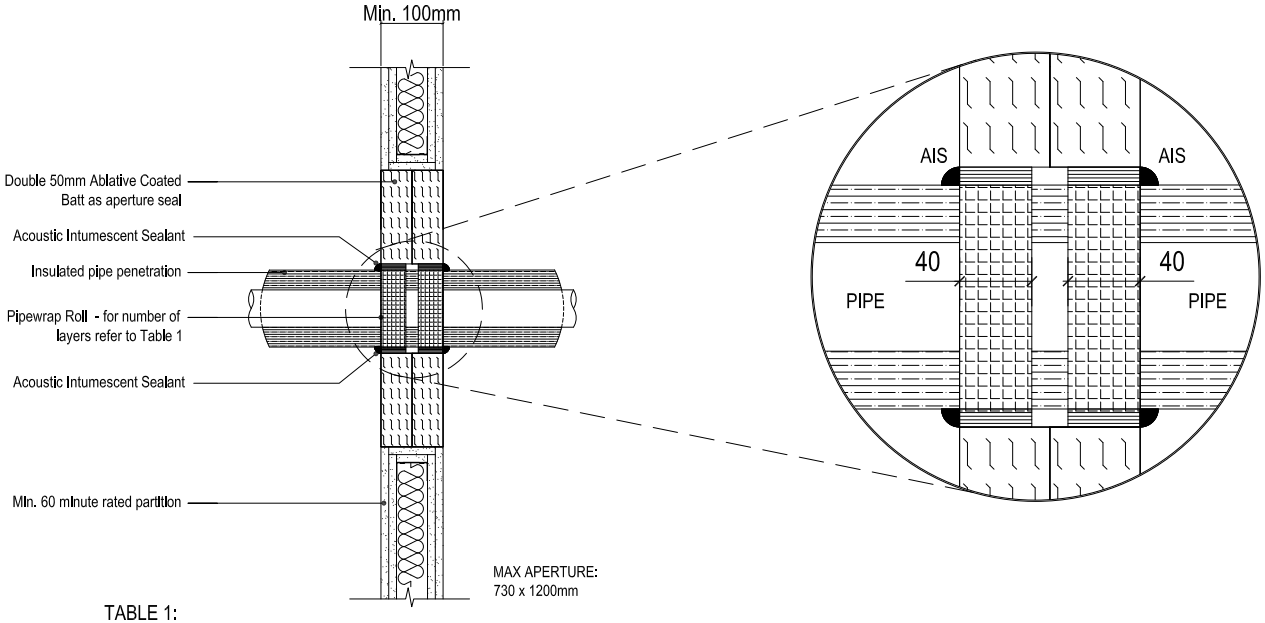

TABLE 1:

Pipe Material	Pipe Size / Wall / Insulation			Wrap Layers	Classification	
	Pipe Size (mm)	Wall Thickness (mm)	Insulation Type / Size (mm)		Integrity	Insulation
Steel or Copper	42 - 159	1.2 - 14.2	13-25 Elastomeric (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	60
Steel or Copper	42	1 - 14.2	13-25 Elastomeric (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	90
Steel or Copper	42 - 108	1.2 - 14.2	25 - 40 Phenolic (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	60
Steel or Copper	42	1 - 14.2	25 - 40 Phenolic (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	90
Steel or Copper	42	1 - 14.2	50 Glass Fibre (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	90

Pipe Material	Pipe Size / Wall / Insulation			Wrap Layers	Classification	
	Pipe Size (mm)	Wall Thickness (mm)	Insulation Type / Size (mm)		Integrity	Insulation
Pvc	40	1.9	25 Phenolic (C/S - continuously sustained)	3 No. 40mm (w) x 2mm (t)	120	90
Pvc	40	3	15 Phenolic (C/S - continuously sustained)	3 No. 40mm (w) x 2mm (t)	120	90
Pvc	110	4.2	25 Phenolic (C/S - continuously sustained)	5 No. 40mm (w) x 2mm (t)	120	120
Pvc	110	6.6	20 Phenolic (C/S - continuously sustained)	5 No. 40mm (w) x 2mm (t)	120	90
Pvc	40	1.9	32 Elastomeric (C/S - continuously sustained)	3 No. 40mm (w) x 2mm (t)	120	120
PVC	40	3	9 Elastomeric (C/S - continuously sustained)	3 No. 40mm (w) x 2mm (t)	120	120
PVC	110	4.2	32 Elastomeric (C/S - continuously sustained)	5 No. 40mm (w) x 2mm (t)	120	120
PVC	110	6.6	13 Elastomeric (C/S - continuously sustained)	5 No. 40mm (w) x 2mm (t)	120	120

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal.

This detail is to be read in conjunction with the ROCKWOOL FIREPRO Intumescent Pipewrap Roll data sheet specific installation instructions. For pipe O/A diameters, pipe wall thickness and insulation thickness that fall outside of the those indicated in Table 1 please consult ROCKWOOL Technical.

Refer to Table 1 for number or Pipewrap Roll layers.

This detail is to be read in conjunction with RWSD-ACB 0101 - 0103 & 1101 - Double 50mm & 60mm Ablative Batt Aperture Seals.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro Intumescent Pipe Wrap Roll
Insulated pipe penetrations - Aperture Seal

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-PWR-0002		Revision: -

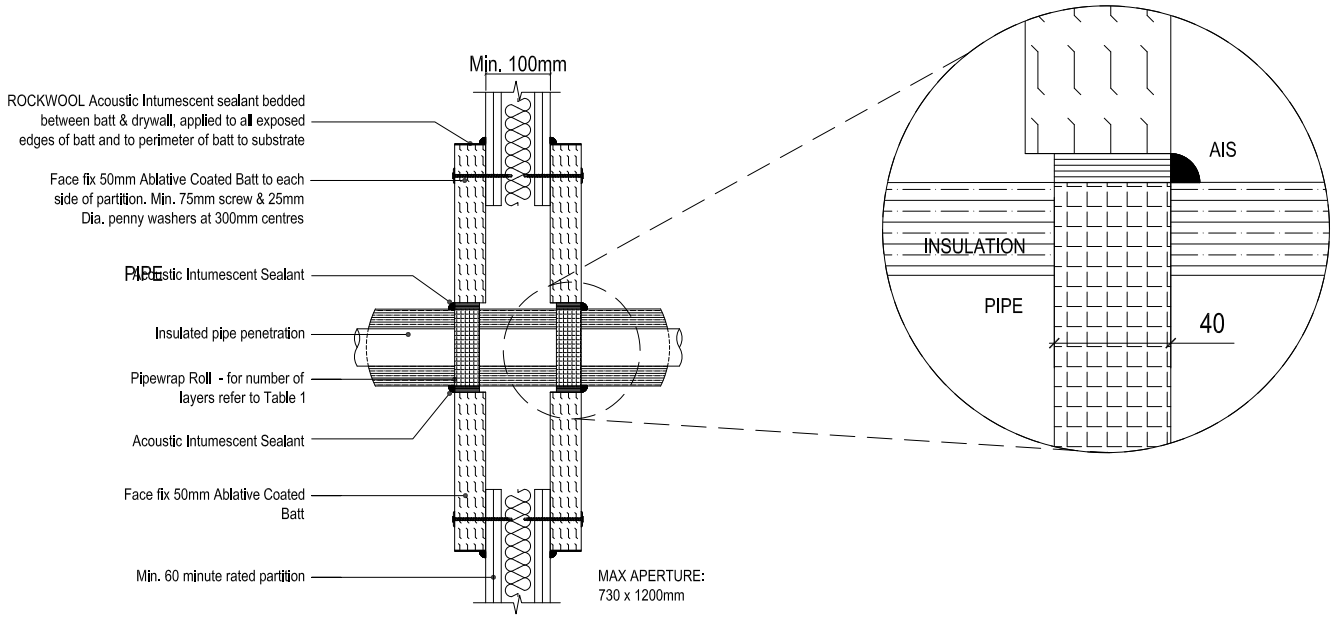

TABLE 1:

Pipe Material	Pipe Size / Wall / Insulation			Wrap Layers	Classification	
	Pipe Size (mm)	Wall Thickness (mm)	Insulation Type / Size (mm)		Integrity	Insulation
Steel or Copper	42 - 159	1.2 - 14.2	13 - 25 Elastomeric (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	60
Steel or Copper	42	1.2 - 14.2	13 - 25 Elastomeric (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	90
Steel or Copper	42 - 108	1.2 - 14.2	25 - 40 Phenolic (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	60
Steel or Copper	42	1.2 - 14.2	25 - 40 Phenolic (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	90
Steel or Copper	42	1.2 - 14.2	50 (30kg/m³) Glassfibre (C/S - continuously sustained)	2 No. 40mm (w) x 2mm (t)	120	90

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01208-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal.

This detail is to be read in conjunction with the ROCKWOOL FIREPRO Intumescent Pipewrap Roll data sheet specific installation instructions. For pipe O/A diameters, pipe wall thickness and insulation thickness that fall outside of the those indicated in Table 1 please consult ROCKWOOL Technical.

Refer to Table 1 for number or Pipewrap Roll layers.

This detail is to be read in conjunction with RWSD-ACB details - Double 50mm & 60mm Ablative Batt Aperture & Face Fix Seals.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL

Pencoed, Bridgend,
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technical.solutions@rockwool.co.uk

Drawing Title:

FirePro Intumescent Pipe Wrap Roll
Insulated pipe penetrations - Face Fix Batt Seal

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-PWR-0101		Revision: -

SECTION THROUGH FLEXIBLE WALL WITH COMBUSTIBLE PIPE PENETRATION WITH WRAP ON A ROLL

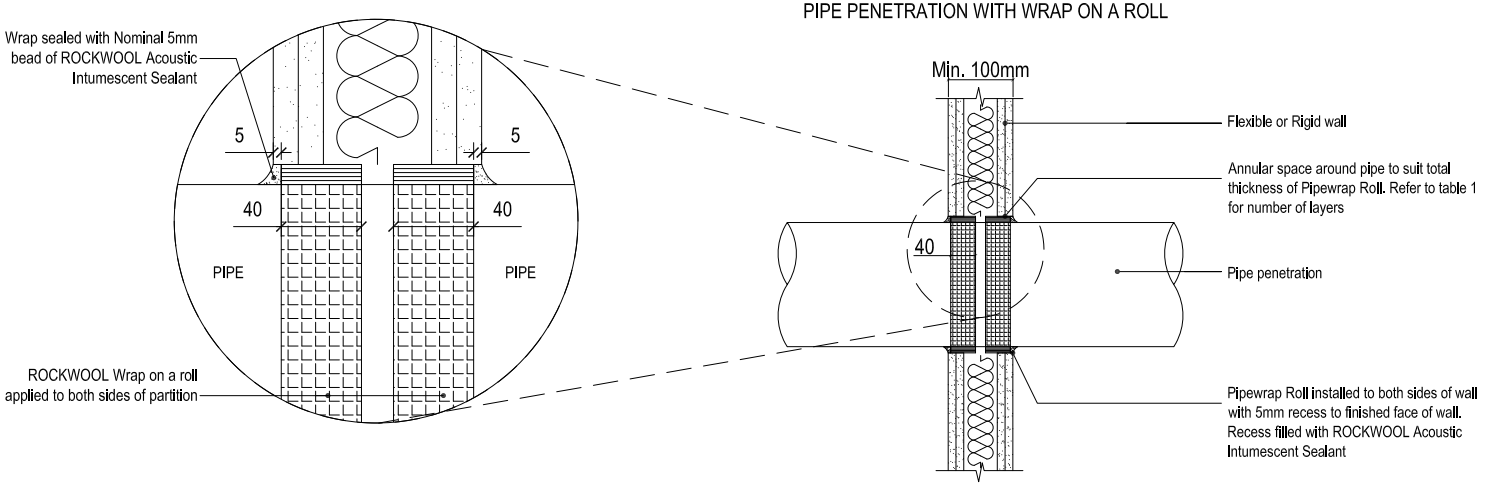

TABLE 1:

ROCKWOOL Pipe Wrap Roll to both sides of flexible or ridgid wall (Min 100mm thick)				
Pipe Material	Pipe Size & Wall Thickness (mm)	Wrap Layers	Annulus (mm)	Classification
PVC	32 - 50 O/A Dia - 1.8mm Wall	1 No. 40mm (W) x 2mm (T)	4	EI 120
PVC	160 O/A Dia - 6.2 - 9.5mm Wall	4 No. 40mm (W) x 2mm (T)	10	EI 90
PVC	160 O/A Dia - 9.5mm Wall	4 No. 40mm (W) x 2mm (T)	10	EI 120
PVC	200 O/A Dia. 7.7 - 9.6mm Wall	5 No. 40mm (W) x 2mm(T)	12	EI120
PP	32 - 50 O/A Dia. - 2.9mm Wall	1 No. 40mm (W) x 2mm (T)	4	EI 120
PP	160 O/A Dia - 4mm Wall	5 No. 40mm (W) x 2mm (T)	10	E 120 (EI90)
PP	160 O/A Dia - 14.6mm Wall	4No. 40mm (W) x 2mm (T)	10	EI 120
PP	200 O/A Dia. - 4.9mm Wall	5 No. 40mm (W) x 2mm(T)	12	E 120 (EI90)
PP	200 O/A Dia. - 18.2mm Wall	5 No. 40mm (W) x 2mm(T)	12	EI 120
PP	250 O/A Dia. - 10.1mm Wall	6 No. 40mm (W) x 2mm(T)	14	E 120
PE	32 - 50 O/A Dia. - 2.9mm Wall	1 No. 40mm (W) x 2mm (T)	4	EI 120
PE	160 O/A Dia - 9.5mm Wall	4 No. 40mm (W) x 2mm (T)	10	EI 90
PP	200 O/A Dia. - 18.4mm Wall	5 No. 40mm (W) x 2mm(T)	12	EI 120

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01204-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the seal.

This detail is to be read in conjunction with the ROCKWOOL FIREPRO Intumescent Pipewrap Roll data sheet specific installation instructions.

Refer to Table 1 for number or Pipewrap Roll layers.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
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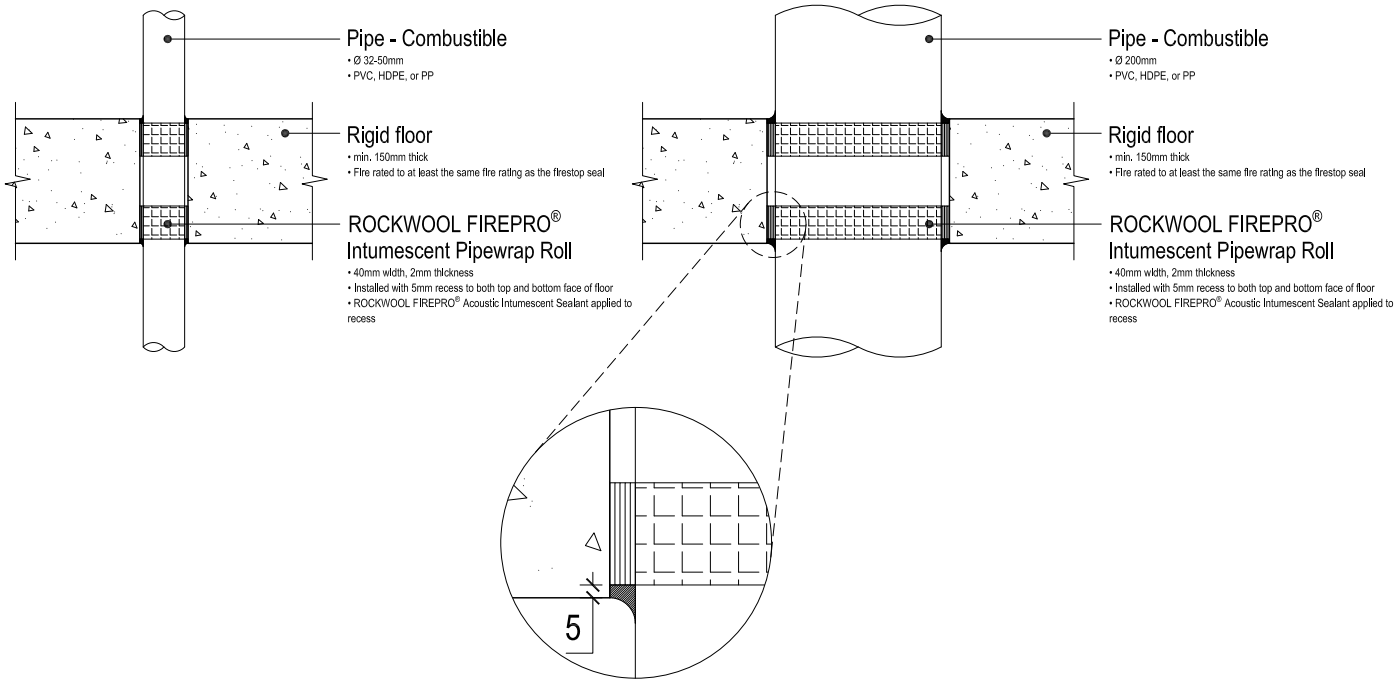
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro Intumescent Pipe Wrap Roll
Combustibles Pipe Penetrations - Flexible Wall

Scale:	Date:	
NTS	AUG-22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-PWR-0201		Revision: -



ROCKWOOL FIREPRO Pipewrap Roll in rigid floor applications (min. 150mm thick)					
Pipe material	Pipe size & wall thickness (mm)	Wrap layers (mm)	Annulus	Classification	
				Integrity	Insulation
PVC	Ø 32-50 (1.8mm wall thickness)	2 no. 40 (w) x 2 (t)	4	120	120
PVC	Ø 200 (7.7mm wall thickness)	5 no. 40 (w) x 2 (t)	12	120	90
PVC	Ø 200 (9.6mm wall thickness)	5 no. 40 (w) x 2 (t)	12	60	60
PP	Ø 32-50 (2.9mm wall thickness)	2 no. 40 (w) x 2 (t)	4	120	120
PP	Ø 200 (18.2mm wall thickness)	5 no. 40 (w) x 2 (t)	12	120	90
HDPE	Ø 32-50 (2.9mm wall thickness)	2 no. 40 (w) x 2 (t)	4	120	120
HDPE	Ø 200 (4.9mm wall thickness)	5 no. 40 (w) x 2 (t)	12	120	120
HDPE	Ø 200 (11.4mm wall thickness)	5 no. 40 (w) x 2 (t)	12	120	120

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01204-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
up to 120 minutes	up to 120 minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
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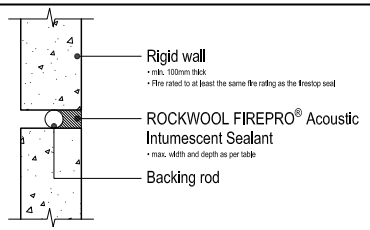
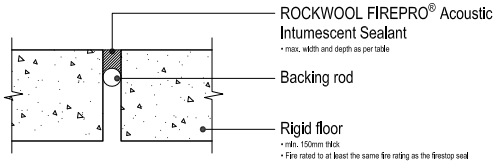
Drawing Title:
FIREPRO INTUMESCENT PIPEWRAP ROLL
Floor

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L. HAM
Drawing Number: RWSD-PWR-0502		Revision: -



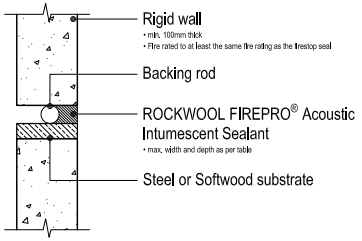
VERTICAL SEAL
ACOUSTIC INTUMESCENT SEALANT BETWEEN CONCRETE SUBSTRATES



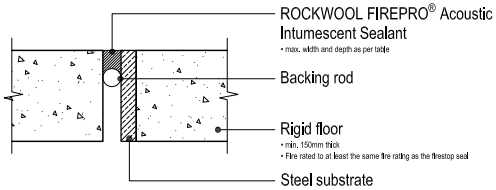
HORIZONTAL SEAL
ACOUSTIC INTUMESCENT SEALANT BETWEEN CONCRETE SUBSTRATES

Substrate	min. Substrate thickness (mm)	max. width (mm)	min. Depth (mm)	Backing material	Single sided seal	Performance (mins) Integrity	Performance (mins) Insulation	Standard
Concrete wall / concrete wall	100	20	12.5	Ø 20mm PE rod		120	120	EN
		20	10	Ø 20mm PE rod	✓	120	45	EN
		30	15	Ø 30mm PE rod	✓	120	30	EN
		40	20	Ø 40mm PE rod	✓	120	30	EN
		50	25	Ø 50mm PE rod	✓	120	60	EN

Substrate	min. Substrate thickness (mm)	max. width (mm)	min. Depth (mm)	Backing material	Single sided seal	Performance (mins) Integrity	Performance (mins) Insulation	Standard
Concrete floor / concrete floor	150	20	10	Ø 20mm PE rod	✓	240	45	EN
		50	25	Ø 50mm PE rod	✓	240	90	EN



VERTICAL SEAL
ACOUSTIC INTUMESCENT SEALANT BETWEEN CONCRETE AND STEEL OR CONCRETE AND SOFTWOOD SUBSTRATES

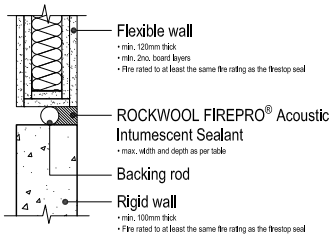


HORIZONTAL SEAL
ACOUSTIC INTUMESCENT SEALANT BETWEEN CONCRETE AND STEEL SUBSTRATES

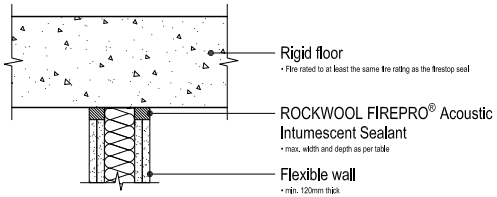
Substrate	min. Substrate thickness (mm)	max. width (mm)	min. Depth (mm)	Backing material	Single sided seal	Performance (mins) Integrity	Performance (mins) Insulation	Standard
Concrete wall / steel	100	20	10	Ø 20mm PE rod	✓	120	20	EN
		30	15	Ø 30mm PE rod	✓	45	30	EN
		40	20	Ø 40mm PE rod	✓	45	30	EN
		50	25	Ø 50mm PE rod	✓	45	30	EN

Substrate	min. Substrate thickness (mm)	max. width (mm)	min. Depth (mm)	Backing material	Single sided seal	Performance (mins) Integrity	Performance (mins) Insulation	Standard
Concrete wall / softwood	100	20	10	Ø 20mm PE rod	✓	30	15	EN
		30	15	Ø 30mm PE rod	✓	30	15	EN
		40	20	Ø 40mm PE rod	✓	30	15	EN
		50	25	Ø 50mm PE rod	✓	45	30	EN
		50	50	Ø 50mm PE rod	✓	45	45	EN

Substrate	min. Substrate thickness (mm)	max. width (mm)	min. Depth (mm)	Backing material	Single sided seal	Performance (mins) Integrity	Performance (mins) Insulation	Standard
Concrete floor / steel	150	20	10	Ø 20mm PE rod	✓	120	20	EN
		50	50	Ø 50mm PE rod	✓	240	90	EN



VERTICAL SEAL
ACOUSTIC INTUMESCENT SEALANT BETWEEN CONCRETE AND PLASTERBOARD SUBSTRATES



HORIZONTAL SEAL
ACOUSTIC INTUMESCENT SEALANT BETWEEN PLASTERBOARD HEAD OF WALL AND CONCRETE SOFFIT

Substrate	min. Substrate thickness (mm)	max. width (mm)	min. Depth (mm)	Backing material	Single sided seal	Performance (mins) Integrity	Performance (mins) Insulation	Standard
Head of wall / concrete soffit	120	20	25	Steel head track		120	120	EN

Substrate	min. Substrate thickness (mm)	max. width (mm)	min. Depth (mm)	Backing material	Single sided seal	Performance (mins) Integrity	Performance (mins) Insulation	Standard
Flexible wall / concrete wall	120	20	12.5	Ø 20mm PE rod		120	120	EN

ROCKWOOL Standard Detail:

Supporting Evidence : ETA-20/1129 / UL-EU-01203-CPR

Where ROCKWOOL insulation is to be used as a backing material then the depth of material to achieve the detailed fire ratings is the width of the joint +10mm.

Movement Accommodation: +/- 12% of Joint Width

All surfaces must be thoroughly cleaned and free of bond breaking contaminants prior to application of the sealant.

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

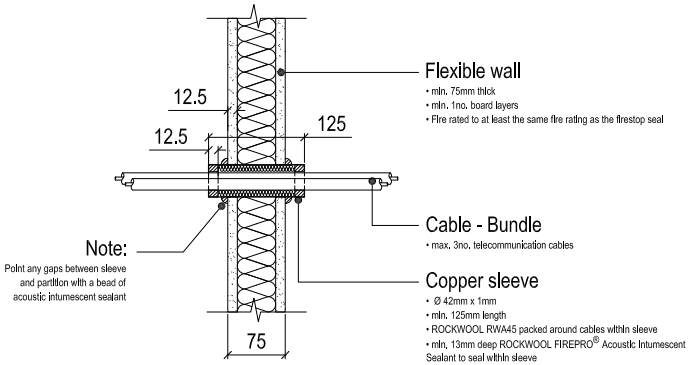
Integrity Performance:	Insulation Performance:
See Table	See Table

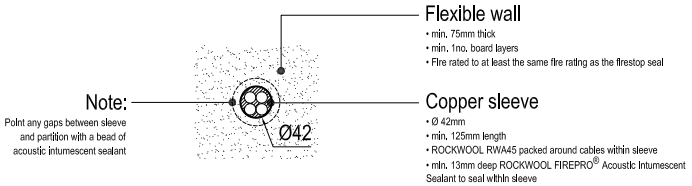
ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FIREPRO® Acoustic Intumescent Sealant Application Range

Scale:	Date:	
NTS	JUN 21	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L. HAM
Drawing Number: RWSD-AIS-0001		Revision: B

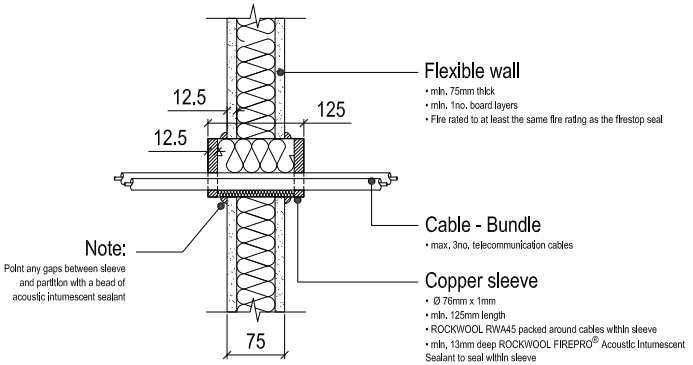
42mm Dia. COPPER SLEEVE WITH CABLES
THROUGH 75mm FLEXIBLE WALL
EI 60

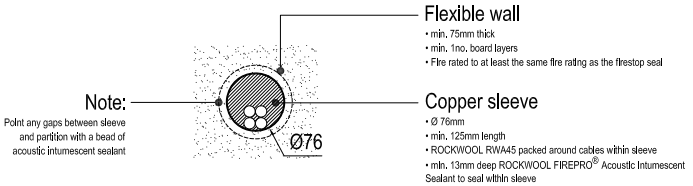




ELEVATION - 42mm Dia. COPPER SLEEVE
THROUGH 75mm FLEXIBLE WALL
EI 60

76mm Dia. COPPER SLEEVE WITH CABLES
THROUGH 75mm FLEXIBLE WALL
EI 60/30





ELEVATION - 76mm Dia. COPPER SLEEVE
THROUGH 75mm FLEXIBLE WALL
EI 60/30

ROCKWOOL Standard Detail:

Supporting Test Data : WF 411460 (BS EN 1366-3:2009)

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 75mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Point any gaps between copper sleeve and flexible wall with a bead of ROCKWOOL Acoustic Intumescent Sealant.

Applications in flexible wall constructions can be used in masonry wall constructions.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

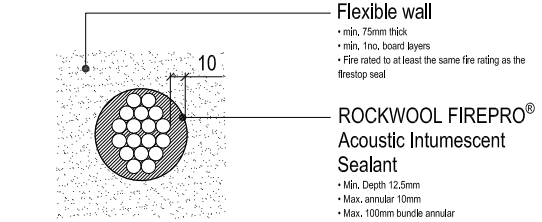
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
60 minutes	up to 60 minutes

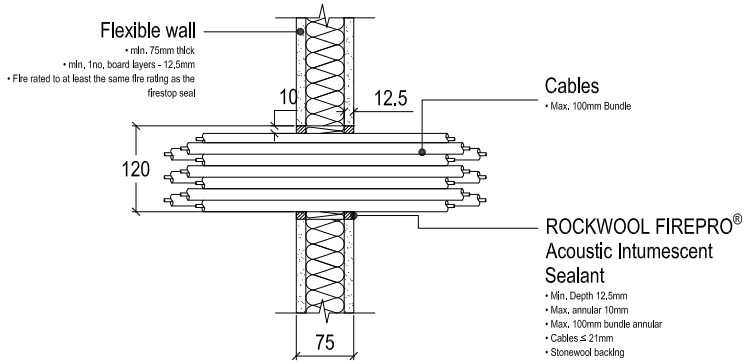
ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® Acoustic Intumescent Sealant
75mm Flexible Wall - 1no. Board - Cu. Sleeved Cables

Scale:	Date:	
NTS	NOV 20	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-AIS-0101		Revision: -



SMALL CABLES (≤21mm)
IN BUNCH ≤100mm Ø
THROUGH 75mm FLEXIBLE WALL
E 60 / EI 45



SMALL CABLES (≤21mm) IN BUNCH ≤100mm Ø
THROUGH 75mm FLEXIBLE WALL
E60 / EI 45

ROCKWOOL Standard Detail:

Supporting Test Data : UL-EU-01203-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 75mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Applications in flexible wall constructions can be used in masonry wall constructions.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

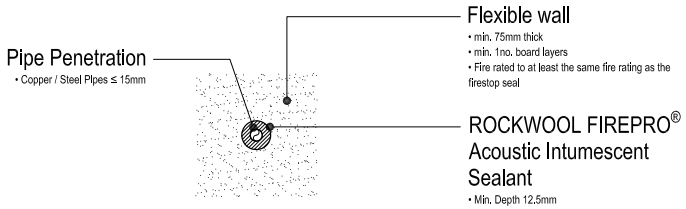
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
60 minutes	45 minutes

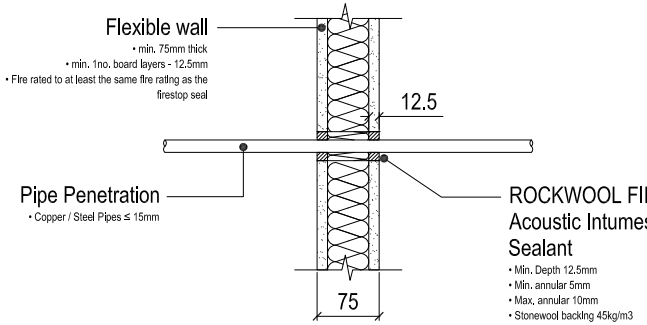
ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® Acoustic Intumescent Sealant
75mm Flexible Wall - Cable Penetrations & Blank Seal

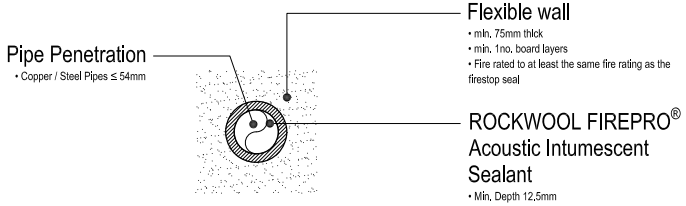
Scale:	Date:	
NTS	JUL 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-AIS-0110		Revision: -



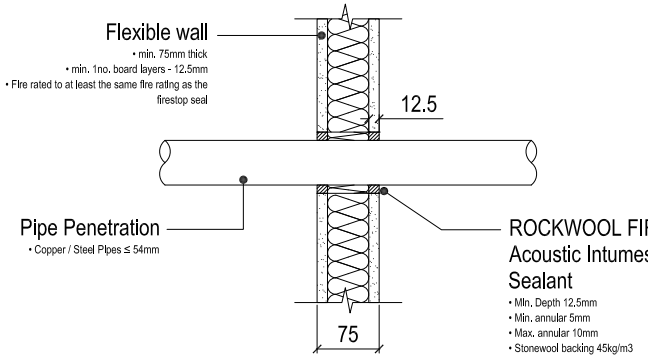
STEEL/COPPER PIPE ≤ 15mm
THROUGH 75mm FLEXIBLE WALL
E 90 - EI 60



STEEL/COPPER PIPE ≤ 15mm
THROUGH 75mm FLEXIBLE WALL
E 90 - EI 60



STEEL/COPPER PIPE ≤ 54mm
THROUGH 75mm FLEXIBLE WALL
E 90



STEEL/COPPER PIPE ≤ 54mm
THROUGH 75mm FLEXIBLE WALL
E 90

ROCKWOOL Standard Detail:

Supporting Test Data : UL-EU-01203-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall constructions must be installed in accordance with the manufacturer's guidelines. The wall construction should be a minimum thickness of 75mm.

All service items should be adequately supported both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Applications in flexible wall constructions can be used in masonry wall constructions.

Refer to relevant product datasheet for further installation guidelines.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

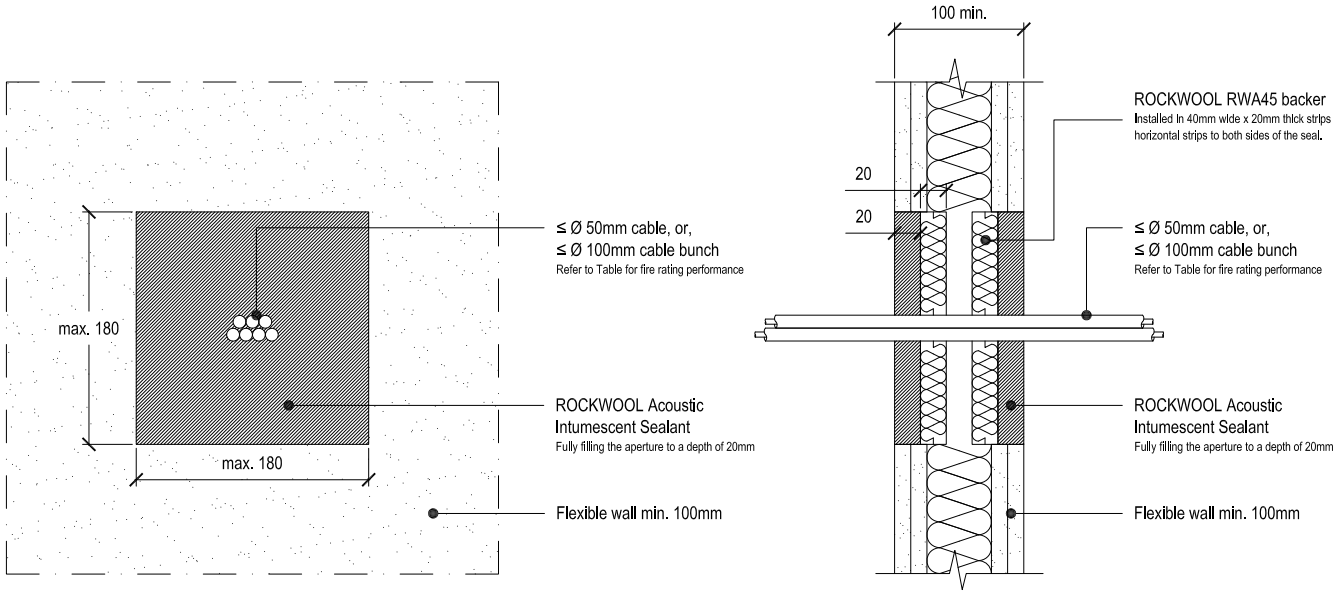
For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
Up to 90 minutes	Up to 60 minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL FIREPRO® Acoustic Intumescent Sealant
75mm Flexible Wall - Pipe Penetrations

Scale:	Date:	
NTS	JUL 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-AIS-0120		Revision: -



Service type		Backing material	Flexible / rigid wall (min. 100mm thick)		Test Standard	Service separation	
			Integrity	Insulation		Aperture	Services
Blank seal	≤ 180mm x 180mm	20mm thick ROCKWOOL RWA45	120	120	EN	10mm	N/A
Electrical cable	≤ Ø 21mm		120	120			
	Ø 22mm - 50mm		90	60			
Telecomm cables	≤ Ø 100mm bundle		120	120			
PVC conduit	≤ Ø 16mm		120	120			
Copper / steel conduit	≤ Ø 16mm		120	15			

ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01203-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall construction must be installed in accordance with the manufacturers guidelines. The wall construction should be a minimum of 100mm thick.

This detail is also suitable for max. Ø 180mm core hole through wall.

Where no dimension is given for service separation or aperture edge separation the dimension is 100mm. If this does not suit your project requirements please contact ROCKWOOL.

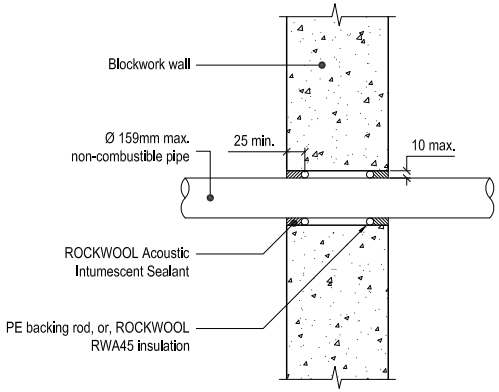
These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

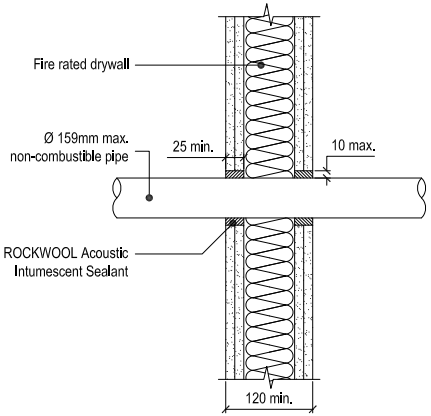
Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

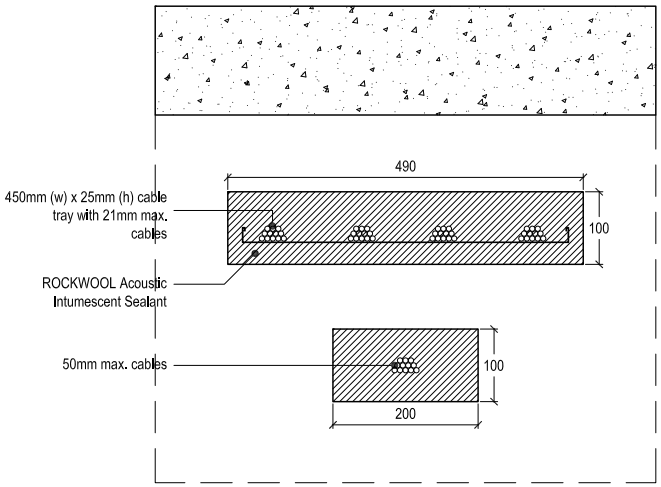
ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

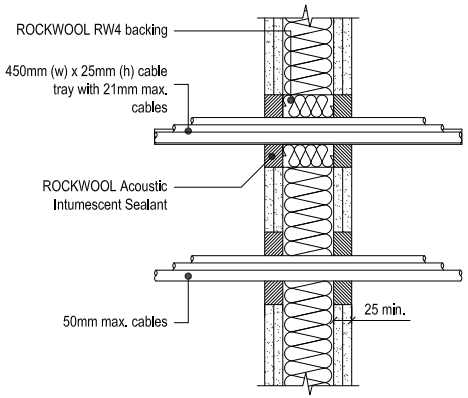
Drawing Title:
ROCKWOOL FIREPRO® Acoustic Intumescent Sealant
Cables Through Double skin Flexible Wall

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: RW TECH
Drawing Number: RWSD-AIS-0210		Revision: -









ROCKWOOL Standard Detail:

Supporting Evidence : UL-EU-01203-CPR

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Flexible wall construction must be installed in accordance with the manufacturer's guidelines. The Wall construction should be of a minimum thickness of 120mm.

Where insulation is required from metallic pipes then the service item will need to be lagged with Rockwool Fire Tube or RockLap H&V Pipe Section. Please refer to RWSD-AIS-0221 for further details.

Backing material to control depth of sealant can be either a PE backing rod or ROCKWOOL RWA 45 insulation packed into the annular space.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Pipe Integrity Performance:	
Up to 120 Minutes	

Integrity Performance: (Cables)	Insulation Performance: (Cables)
120 Minutes (21-50mm Cables 90 Minutes)	90 Minutes (21-50mm Cables 60 Minutes)

ROCKWOOL®
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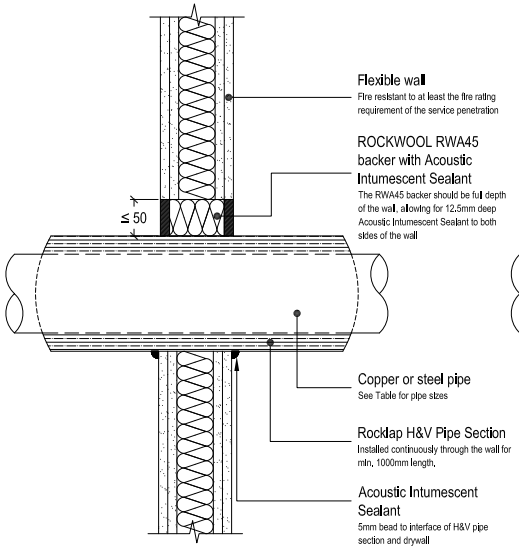
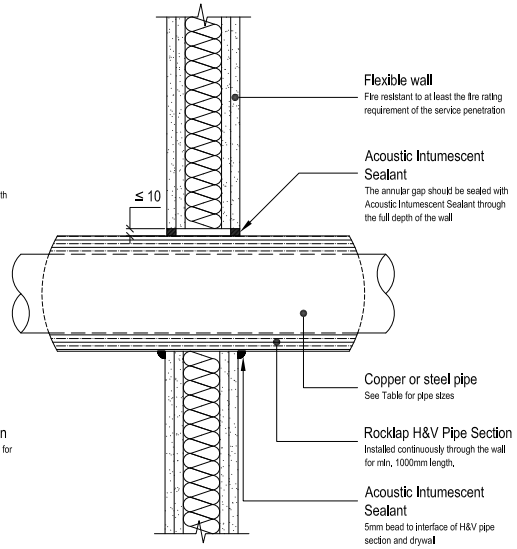
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
Acoustic Intumescent Sealant with single pipe/cable

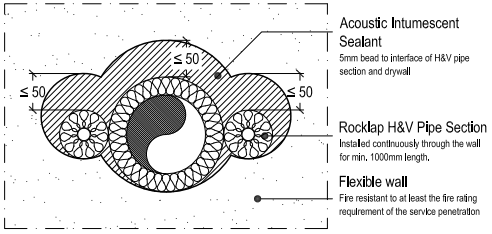
Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-AIS-0220		Revision: -



ROCKLAP H&V PIPE SECTION THROUGH DRYWALL WITH ANNULAR SPACE UP TO 50mm



ROCKLAP H&V PIPE SECTION THROUGH DRYWALL WITH ANNULAR SPACE LESS THAN 11mm



ROCKLAP H&V PIPE SECTION CLUSTER THROUGH DRYWALL WITH ANNULAR SPACE UP TO 50mm

Service type		H&V Thickness	Annular gap	Performance (mins) Locally Sustained		Performance (mins) Continuously Sustained		Test Standard	Service separation minimum (mm)	
				Integrity	Insulation	Integrity	Insulation		Aperture	Services
Copper pipe	≤ Ø15mm	20mm	≤10mm	120	120	120	120	EN	0	0
Steel pipe	≤ Ø60mm									
Copper pipe	≤ Ø15mm		11 - 50mm							
Steel pipe	≤ Ø60mm									
Copper pipe custer	Ø15 - 60mm									
Copper pipe	≤ Ø15mm	25mm	≤10mm	120	120	120	120			
	Ø16mm - 108mm				60					
Steel pipe	≤ Ø114mm			90	90	90	90			
	Ø114mm - 219mm									
Copper pipe	≤ Ø15mm		11 - 50mm	120	120	120	120			
	Ø16mm - 108mm				90					
Steel pipe	≤ Ø114mm				60		90			
	Ø114mm - 219mm									
Copper pipe cluster	Ø15mm - 108mm	25mm	≤50mm	120	60	120	120			
Steel pipe cluster	Ø15mm - 114mm				120					

ROCKWOOL Standard Detail:

Supporting Evidence : WF 410975

The supporting construction must be capable of achieving the required fire rating of the proposed firestop.

Flexible wall construction must be installed in accordance with the manufacturers guidelines. The wall thickness shall be a minimum of 100mm,

All services should be adequately supported both sides of the firestop to ensure the no load is transferred to the wall.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

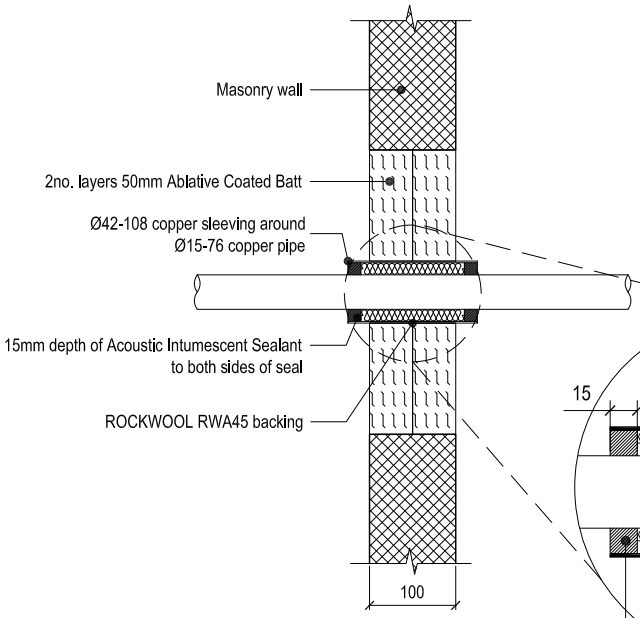
Integrity Performance:	Insulation Performance:
See Table	See Table

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

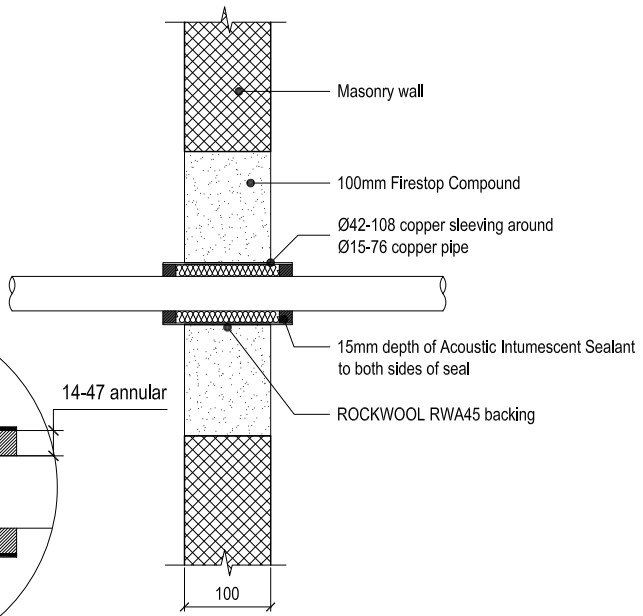
Drawing Title:
Rocklap H&V Pipe Section
Non-combustible pipes through drywall

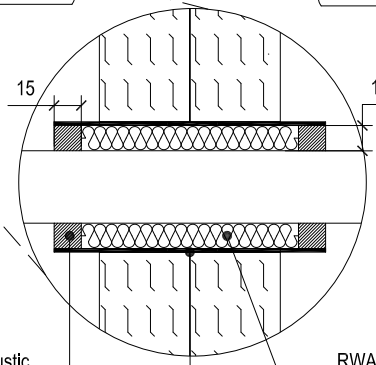
Scale:	Date:	
NTS	SEP-22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-AIS-0221		Revision: -

1) Sleeved non combustible pipe through batt seal



2) Sleeved non combustible pipe through compound seal





Min 15mm depth of acoustic intumescent sealant to annular gap up to 47mm

RWA45 backing between pipe sleeve and pipe to full depth of seal

Copper sleeve through batt/compound seal

Performance Table:

Sleeve	Pipe	Seal	Aperture Size	Annular Gap	Backer	Sealant Depth	EI Rating	Spacing
42 - 108mm	15 - 76mm	Compound	440 x 330	14 - 47mm	RWA45	15mm	120/10	0mm From Aperture Edge
42 - 108mm	15 - 76mm	Double 50mm ACB	440 x 330	14 - 47mm	RWA45	15mm	120/15	0mm From Aperture Edge

ROCKWOOL Standard Detail:

Supporting Evidence : WF 398664 (BS EN 1366-3)

The masonry wall must be capable of achieving the required 120 minutes Fire Rating as detailed within this drawing.

Annular Space: The annular space between pipe and sleeve should be between 14-47mm. For annular gaps greater than 47mm please contact ROCKWOOL technical

Spacing: There can be 0mm distance from sleeving to aperture edge.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Integrity Performance:	Insulation Performance:
120 Minutes	Up to 15 Minutes

ROCKWOOL

Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
Ablative Coated Batt / Firestop Compound Sleeved Pipe Penetrations Masonry Wall

Scale:	Date:	
NTS	SEP-22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-AIS-0301		Revision: -

INSTALLATION NOTES

1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges.

2. Cut Rockwool ablative coated batt to the size and shape required to fit the aperture ensuring the batt will make a tight fit with all edges of the aperture.

3. Cut rectangular holes from the coated batt to accommodate the EZ-Path® Series 44 Fire-Rated Pathway

4. Cut the coated batt across its width at the mid-point of each rectangular hole to enable batt to be fitted into the aperture.

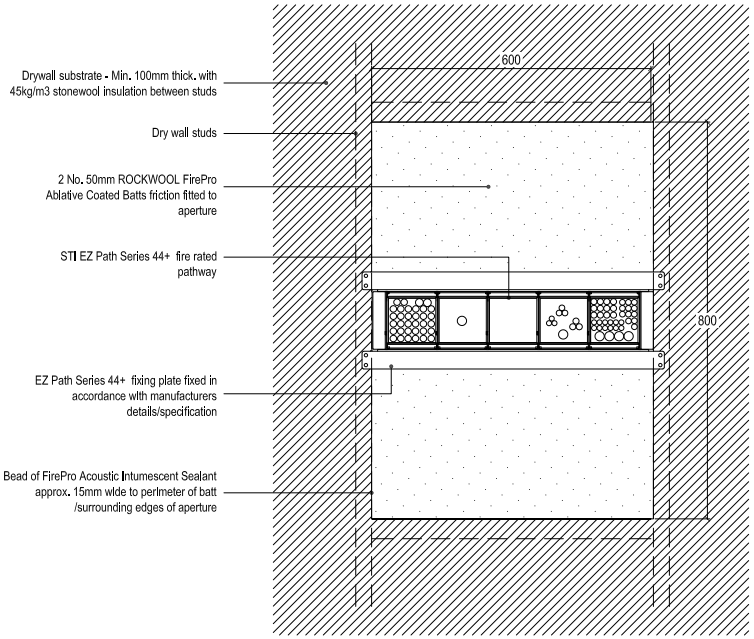
5. Apply Rockwool acoustic intumescent sealant to all edges of the batt, ensuring that an even cover is achieved over the entire thickness of the batt. This should include the outer edges of the batt and the edges of the cut made across the batt to allow fitting into the aperture. There is no requirement to apply sealant to the edges of the holes cut to accommodate each cable tray or ladder.

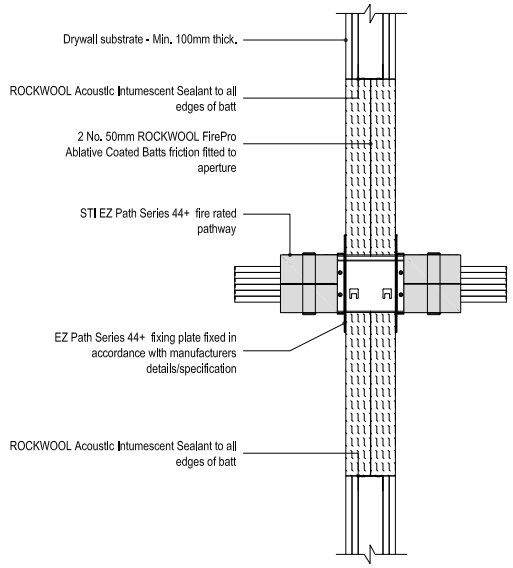
6. Insert the batt into the aperture.

7. Any gaps between the ablative coated batt and the substrate require sealing with acoustic intumescent sealant.

8. Apply a bead of Rockwool acoustic intumescent sealant, approximately 15 mm wide, around the EZ-Path unit and ablative coated batt.

9. Repeat step 7 and 8 on the other side of the batt





ROCKWOOL Standard Detail:

Supporting Evidence : WF 377056

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Stud wall constructions must be installed in accordance with the manufacturers guidelines. The wall construction must have a minimum thickness of 100mm.

All service items should be adequately supported either side of the fire stop to ensure no load is transferred onto the coated batt.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
120 Minutes	90 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
EZ Path Unit:
2 No. 50mm Ablative Coated Batts

Scale:	Date:	
NTS	SEP-22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-EZP-0001		Revision: -

INSTALLATION NOTES

1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges.

2. Cut Rockwool ablative coated batt to the size and shape required to fit the aperture ensuring the batt will make a tight fit with all edges of the aperture.

3. Cut rectangular holes from the coated batt to accommodate the EZ-Path® Series 44 Fire-Rated Pathway

4. Cut the coated batt across its width at the mid-point of each rectangular hole to enable batt to be fitted into the aperture.

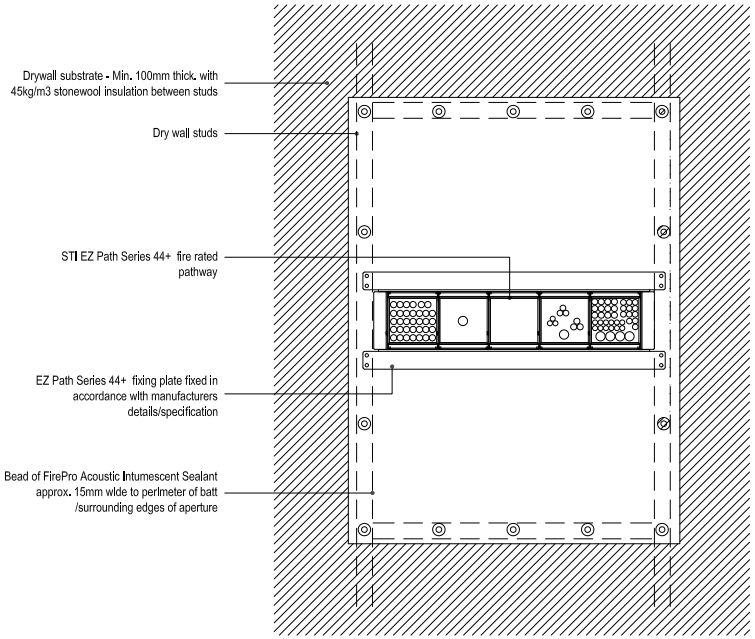
5. Apply Rockwool acoustic intumescent sealant to all edges of the batt, ensuring that an even cover is achieved over the entire thickness of the batt. This should include the outer edges of the batt and the edges of the cut made across the batt to allow fitting into the aperture. There is no requirement to apply sealant to the edges of the holes cut to accommodate each cable tray or ladder.

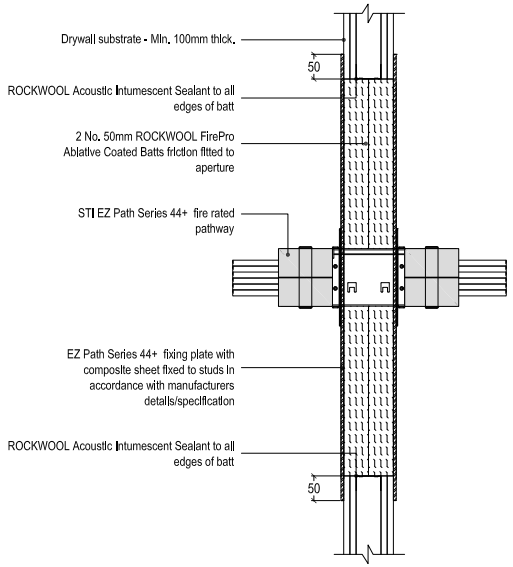
6. Insert the batt into the aperture.

7. Any gaps between the ablative coated batt and the substrate require sealing with acoustic intumescent sealant.

8. Apply a bead of Rockwool acoustic intumescent sealant, approximately 15 mm wide, around the EZ-Path unit and ablative coated batt.

9. Repeat step 7 and 8 on the other side of the batt





ROCKWOOL Standard Detail:

Supporting Evidence : WF 377056

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

Stud wall constructions must be installed in accordance with the manufacturers guidelines. The wall construction must have a minimum thickness of 100mm.

All service items should be adequately supported either side of the fire stop to ensure no load is transferred onto the coated batt.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
120 Minutes	90 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
EZ Path Unit with Cover Plate:
2 No. 50mm Ablative Coated Batts

Scale:	Date:	
NTS	SEP-22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-EZP-0002		Revision: -

INSTALLATION NOTES

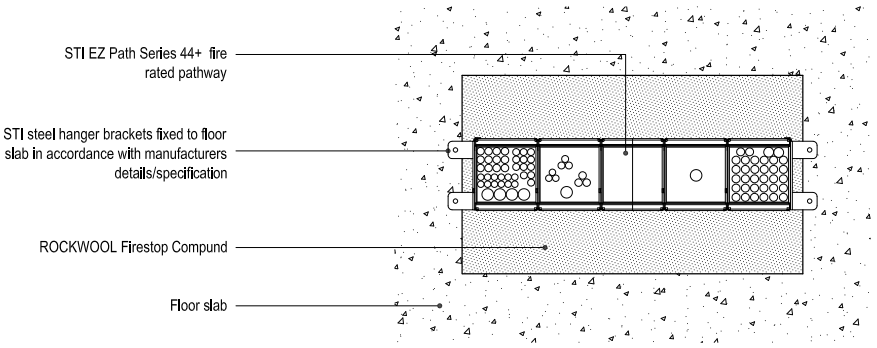
A permanent shuttering made from 50mm ROCKWOOL slab (minimum density 140kg/m3) is cut and friction fitted between services and the edges of the floor slab. Firestop Compound is then trowelled over the shutter to a depth of 25mm thick. This is allowed to cure. Further Firestop Compound is then mixed to a pouring grade and tops the seal up to the required depth.

Floor openings

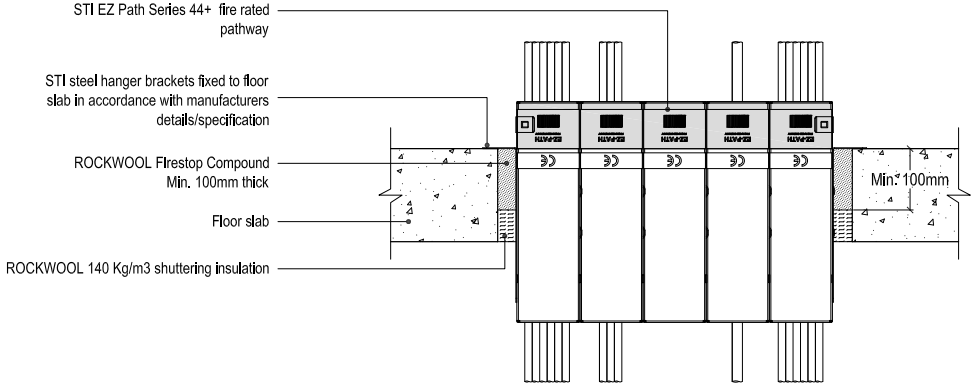
1) A bag of compound to 10 litres water (3:1) by volume. Vary to suit site conditions

2) Set the shuttering into the opening ensuring a tight fit so that once the required depth of Compound is installed it finishes flush with the floor slab/screed unless otherwise specified

3) Mix and pour compound until the required thickness is achieved.



PLAN VIEW



SECTION

ROCKWOOL Standard Detail:

Supporting Evidence : WF 377055

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

All service items should be adequately supported either side of the Firestop to ensure that no permanent load is transferred onto the coated batt.

The Firestop compound is designed to accommodate light foot traffic in line with BS6399 for workspaces and cupboards.

Integrity Performance:	Insulation Performance:
120 Minutes	120 Minutes

ROCKWOOL®
TECHNICAL SOLUTIONS
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 862 621
technical.solutions@rockwool.co.uk

Drawing Title:
EZ Path with ROCKWOOL Firestop Compound Floor Seal

Scale:	Date:	
NTS	SEP-22	
Sheet Size: A3	Drawn By: S.HIRONS	Checked By: L.HAM
Drawing Number: RWSD-EZP-0501		Revision: -

GENERAL REQUIREMENTS

Supporting wall structures must have a minimum density of 400 kg/m3

The supporting substrates must have a Fire Resistance performance equal to or greater than that required by the Firestop.

The Joint height from the top of the wall to the underside of the floor slab shall not be greater than the thickness of the wall. The Firestop shall be the same depth of the wall.

INSTALLATION NOTES

1. Ensure the opening is clean and free of any debris.

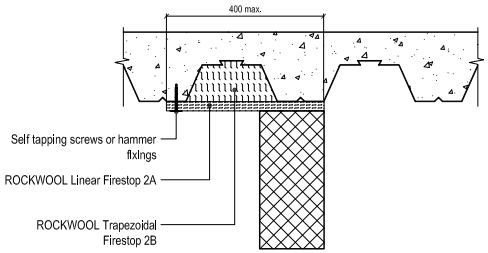
2. Linear Firestop 2A must be fitted as rectangular pieces, tightly butt jointed and compressed by at least 5% thickness.

3. Up to 3 layers may be used. All layers shall be installed simultaneously. The height of the void shall not exceed the width of the Firestop.

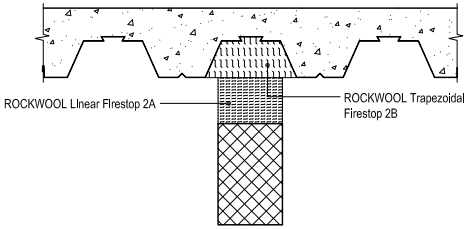
3. Small (nom 10mm) holes should be filled with Rockwool Acoustic Intumescent Sealant.

4. Trapezoidal Firestop 2B shall be ordered to suit the profile type. The Firestop shall be installed under a tight fit.

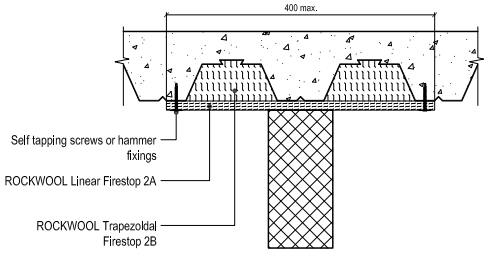
5. Dovetail Infill Firestop Strip shall are supplied as narrow rectangular strips for a pinched installation into the nominated dovetail shaped deck. The Firestop shall be installed with vertical laminations.



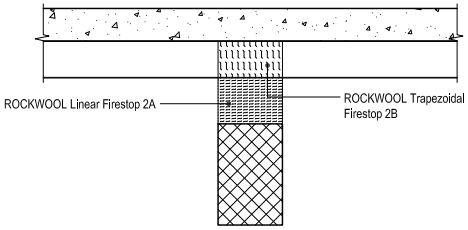
SINGLE DECK PROFILE RUNNING IN LINE, BUT ASYMMETRICAL, WITH THE WALL LINE



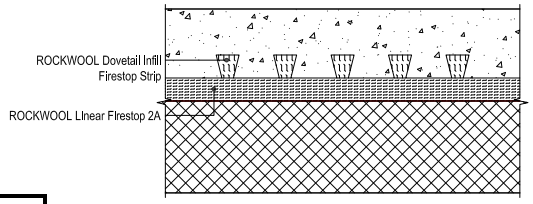
DECK PROFILE RUNNING IN LINE WITH THE WALL



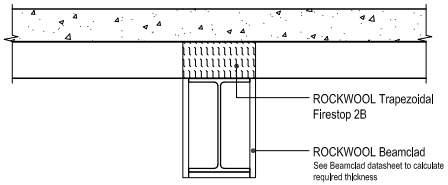
TWO DECK PROFILES RUNNING IN LINE, BUT ASYMMETRICAL, WITH THE WALL LINE



DECK PROFILE RUNNING ACROSS THE WALL



DOVETAIL INFILL FIRESTOP STRIPS RUNNING OVER LINEAR FIRESTOP 2A



DECK PROFILE RUNNING ACROSS A SUPPORTING STEEL BEAM WITH BOX PROTECTION

Wall Thickness	Integrity & Insulation
	2A with 2B
100mm	2 hours
150mm	3 hours
200mm	4 hours

(Note: The above ratings are based on a masonry wall construction with density of 400kg/m³)

ROCKWOOL Standard Detail:

Supporting Evidence : CC 295758

For Air Seal paint linear fire stop with ROCKWOOL Ablative Coating.

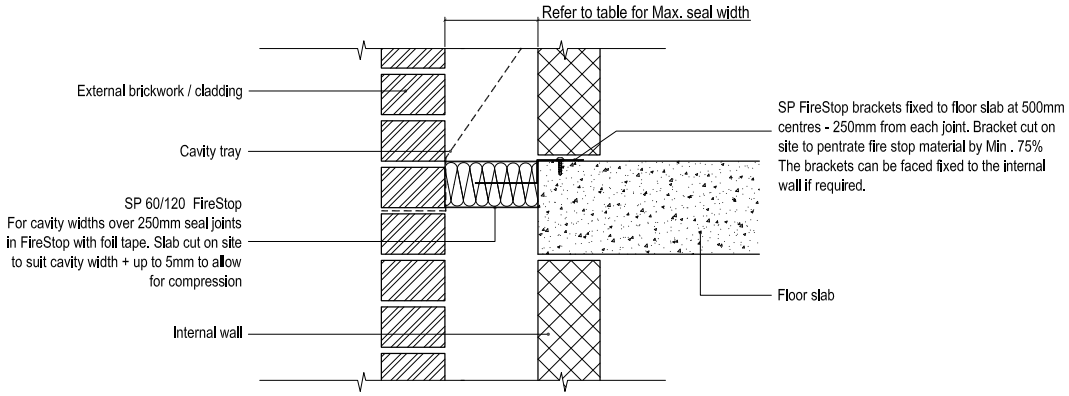
This product should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
See table	See table

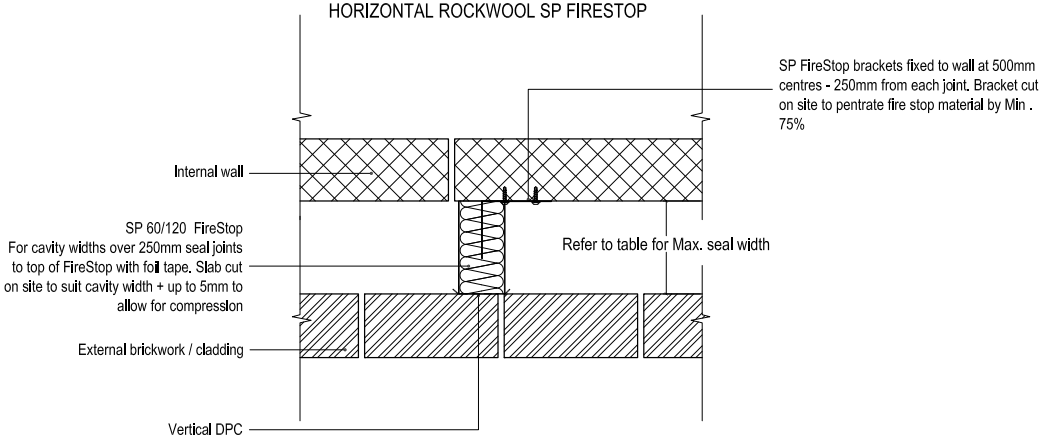
ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
Linear & Trapezoidal Firestop Systems

Scale:	Date:	
NTS	SEP-22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-LTF-0001		Revision: -



HORIZONTAL ROCKWOOL SP FIRESTOP



VERTICAL ROCKWOOL SP FIRESTOP

SP FIRESTOP SLAB PERFORMANCE TABLE:

Product	Fire Resistance		Cavity (mm)	SP Brackets	Test Standard	Assessment/ Certification
	Vertical	Horizontal				
SP60 Firestop Slab	EI60	EI60	50 - 300	50-100 SP/S | 101-300 SP/L	BS 476 Part 20	CC 89697 Revision 8
SP120 Firestop Slab	EI120	EI120	50 - 300	50-100 SP/S | 101-300 SP/L	BS 476 Part 20	CC 89697 Revision 8
SP60 Firestop Slab	E120, EI30	EI60	301 - 400	301-400 SP/L	BS 476 Part 20	
SP120 Firestop Slab	E120, EI60	E120	301 - 400	301-400 SP/L	BS 476 Part 20	
Fire performance with +/- 3%						
SP60 Firestop Slab	N/A	EI60	50 - 300	50-100 SP/S | 101-300 SP/L	BS EN 1366-4	Certifire CF5836
SP120 Firestop Slab	N/A	EI120	50 - 300	50-100 SP/S | 101-300 SP/L	BS EN 1366-4	Certifire CF5836
SP Plus						
SP Plus	EI120	EI120	50 - 600mm	SP/XL	BS EN 1366-4	Certifire CF5836
SP Plus	N/A	EI60	50 - 1000mm	SP/XL	BS EN 1366-4	Certifire CF5836

ROCKWOOL Standard Detail:

Supporting Evidence : BRE 89697_Rev 8 & CF 5836

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

For cavity widths of 250mm or more joints between adjacent lengths of SP Firestop Slab should be sealed on the top surface with foil tape.

Please Refer to:
SD-235 for brickwork support penetrations through SP Firestop Slab.
SD - 236 for pipe penetrations through SP Firestop Slab.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

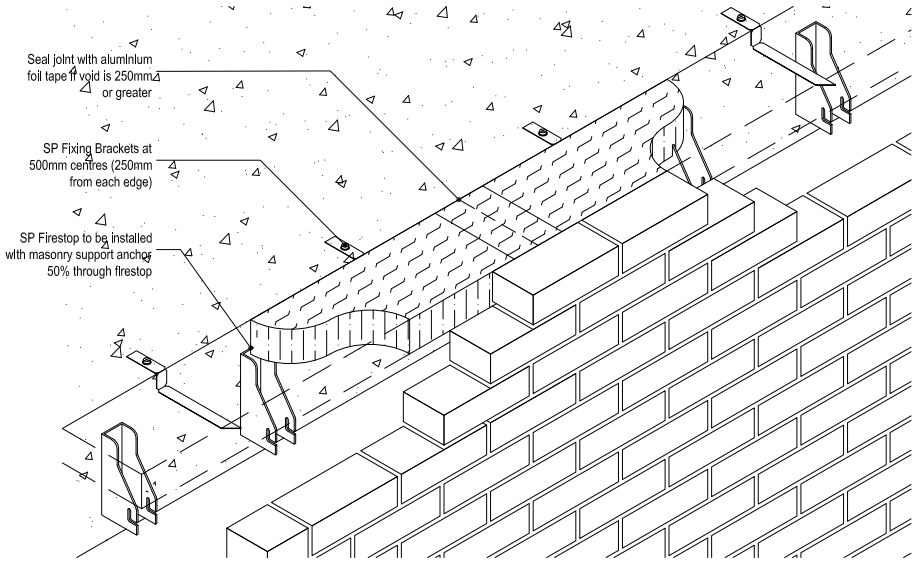
For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

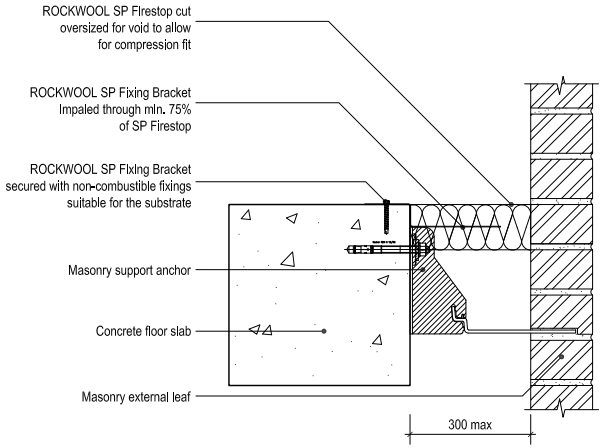
Integrity Performance:	Insulation Performance:
Up to 120 Minutes	Up to 120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
FirePro SP Slab:
Linear Joints seal horizontal & vertical

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: RW TECH	Checked By: L.HAM
Drawing Number: RWSD-SP-0001		Revision: -





ROCKWOOL Standard Detail:

Supporting Evidence : CF 5836

This detail is to be read in conjunction with the ROCKWOOL SP Firestop data sheet specific installation instructions.

If the masonry support anchor penetrates the SP Firestop by more than 50% contact ROCKWOOL Technical Services.

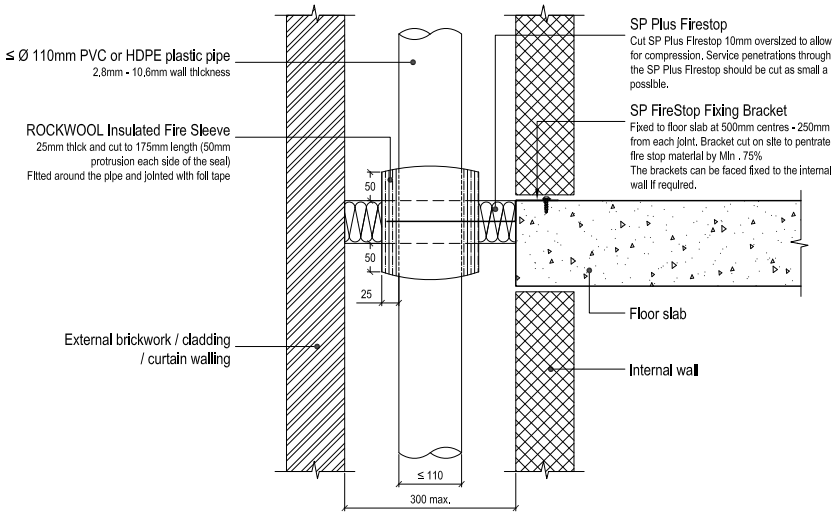
These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

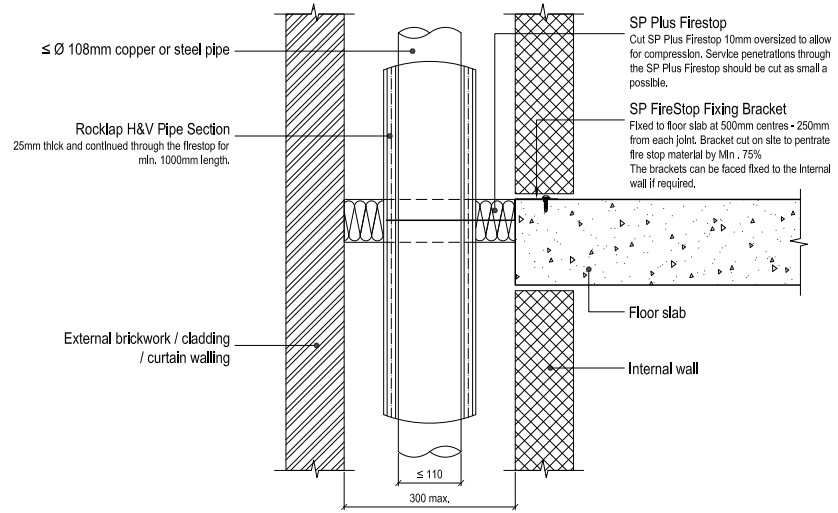
SP60 Integrity Performance:	SP60 Insulation Performance:
60 Minutes	60 Minutes
SP120 Integrity Performance:	**SP120 Insulation Performance:**
120 Minutes	120 Minutes

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
ROCKWOOL SP Firestop installed with masonry support anchor

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-SP-0101		Revision: -





Service type		Performance (mins) Integrity	Insulation	Test Standard	Service separation minimum (mm) Aperture	Services	Notes
PVC pipe	≤ Ø 40mm (1.9mm - 3mm wall) Ø 41mm - 110mm (4.2mm - 6.6mm wall)	120	90 60	EN	0	100	Insulated Fire Sleeve wrapped around the pipes with 50mm projection to both sides of the seal.
HDPE pipe	≤ Ø 40mm (2.4mm - 3.7mm wall) Ø 41mm - 110mm (2.7mm - 10mm wall)	120	90 60				
Steel or copper pipe	≤ Ø 108 mm	120	30				H&V Pipe Section installed 1m centrally through the seal.

ROCKWOOL Standard Detail:

Supporting Evidence : WF 405114

The supporting construction must be capable of achieving the required fire rating of the proposed Firestop.

For further details on Curtain Walling & Cladding applications please refer to the SP FireStop product data sheet.

For cavity widths of 250mm or more joints between adjacent lengths of SP Firestop Slab should be sealed on the top surface with foil tape.

For cavity widths larger than 300mm please contact our Technical Solutions Team.

These products should only be utilised for applications as outlined in the relevant ROCKWOOL product data sheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally the product must be installed in accordance with the current ROCKWOOL guidelines.

For further information or alternative products please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490

Integrity Performance:	Insulation Performance:
See Table	See Table

ROCKWOOL®
Pencoed, Bridgend,
South Wales CF35 6NY
t: 01656 868490
technical.solutions@rockwool.co.uk

Drawing Title:
SP Plus Firestop
Service Penetration - Horizontal

Scale:	Date:	
NTS	AUG 22	
Sheet Size: A3	Drawn By: S. HIRONS	Checked By: L.HAM
Drawing Number: RWSD-SP-0102		Revision: -

Version 11.0

November 2023

ROCKWOOL Limited

Pencoed
Bridgend
CF35 6NY

Tel: 01656 862 621

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rockwool.com/uk