



FirePro® SoftSeal System Penetration Seals

Flexible firestopping for service applications

Part of the ROCKWOOL FirePro® range, FirePro SoftSeal System incorporates a product specifically designed to accommodate movement within buildings in penetration seals.

- Acoustically absorbent
- CE Marked
- Easy to handle and install
- Tested for durability to current EU guidelines
- Supplied pre-coated



FirePro SoftSeal System Penetration Seals



APPLICATIONS

As part of the comprehensive ROCKWOOL FirePro range of fire protection products, FirePro SoftSeal System incorporates a product specifically designed to apply to penetration seals within buildings, where the design needs to accommodate movement in the services.

The FirePro SoftSeal System can be installed into apertures within concrete floors, masonry walls, dry wall systems or composite panels*, or as a standalone seal for openings up to 1000mm x 1000mm or as part of a larger ROCKWOOL Ablative Coated Batt seal (2 layers) to accommodate movement of services.**

A FirePro SoftSeal Coated Strip comprises a low-density stone wool SoftSeal Lamella Strip, pre-coated with SoftSeal Flexible Coating.

The FirePro SoftSeal Coated Strip is supplied in strips 1200mm x 200mm x 100mm.

The FirePro SoftSeal flexible Coating is also available in 5L, 10L and 20L tubs to enable site repairs to FirePro SoftSeal Coated Strips and FirePro SoftSeal Linear Joint Seals, that may have been damaged during installation.

To complement the FirePro SoftSeal Coated Strip, ROCKWOOL also supplies FirePro SoftSeal High Expansion Intumescent Sealant (310ml) and FirePro SoftSeal Flexible Acoustic Intumescent Sealant (310ml).

FirePro SoftSeal Coated Strip is intended to reinstate the fire resistance, acoustic and air seal performances of concrete floors, masonry walls, dry wall systems and composite panels when voids have been created for the passage of services. This includes pipes made of steel, cast iron, copper, polypropylene (PP), high density polythene (HDPE), PVC and ABS along with all sheathed cables up to 80mm and supported cable bundles up to 100mm.

**For further information on the specific composite panels tested, please use the links under the heading Fire Performance, to assessments UL 4790145104 and UL 4790921776.*

***Higher levels of service movement may be accommodated by installing the product under higher compression rates, please contact ROCKWOOL Technical Solutions for guidance.*

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PERFORMANCE

Fire performance

ROCKWOOL FirePro SoftSeal Coated Strip has been tested to the dedicated fire resistance standard for penetration seals BS EN1366-3 and shown to provide up to 2 hours* fire performance (EI20). **Subject to the application*

SoftSeal Coated Strip has been CE marked to EAD 350454-00-1104.

Use the links below to access further information on fire performance

[UL 4790145104](#)

[UL 4790921776](#)

[ETA 20-1124](#)

[Certificate of constancy of performance - 2531-CPR-CXO10260](#)

[Fire stopping standard details pack](#)

Acoustic performance

- Tested to EN 10140 with the following results:
- Rw 30 dB: When installed with 100mm thick SoftSeal Batt
- Dn,e,w 40 dB: When installed with 100mm thick SoftSeal Batt

Water permeability

- Tested to EN 1027 - No leakage observed up to 300Pa.

Air permeability

- Tested to EN 1026 up to 600Pa.
- Leakage at 50Pa - 0.1/1.4 m³/m²/h.

PRODUCT INFORMATION

Property	Description
Length	1200mm
Width	200mm
Thickness	100mm
Fire resistance	Up to 2 hours*
Coating	2 sides
Density	80kg/m ³

**Subject to the application*

FirePro SoftSeal System Penetration Seals

STANDARDS AND APPROVALS

Certificate

FirePro SoftSeal has been tested and assessed to BS EN1366-3 2009 and classified to EN 13501-2.

CE marked to EAD 350454-00-1104



INSTALLATION

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 SoftSeal Acoustic Intumescent Sealant to butt joints between different sections of SoftSeal Coated Strip and around services.
7. FirePro SoftSeal 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 Coated Strip and substrate/Ablative Coated Batt.
9. Once installed, apply a second coat of SoftSeal Flexible Coating to the surfaces on both sides of the seal.

N.B. Ensure adequate space above and below services to accommodate the FirePro SoftSeal product, for the movement levels required. Please refer to assessments UL 4790145104 and UL 4790921776 for specific information on framed apertures within composite wall panels.



Penetration seals

SPECIFICATION CLAUSES

FirePro SoftSeal System is associated with the following NBS clauses:

P12 Fire stopping systems

160 – Linear gap sealing

For more information visit rockwool.com/uk

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FirePro SoftSeal System Penetration Seals

BUILDING SAFETY AND PRODUCT USE

LEGAL NOTICES

General safety requirements – Building Safety Act 2022

ROCKWOOL Limited is committed to supporting specifiers, resellers and users of ROCKWOOL products for the full life cycle of the product to comply with the obligations and responsibilities set out in the Building Safety Act 2022. With regard to the general safety requirements of the Act, ROCKWOOL Limited cannot control or foresee every situation where its products might be used. We therefore strongly advise that specifiers, resellers and users contact us where use of ROCKWOOL products is contemplated in applications different from those explicitly described in the latest, relevant ROCKWOOL product datasheets; especially in applications that can be reasonably foreseen as critical to safety.

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The ROCKWOOL Trademark

ROCKWOOL® - our trademark

The ROCKWOOL trademark was initially registered in Denmark as a logo mark back in 1936. In 1937, it was accompanied with a word mark registration; a registration which is now extended to more than 60 countries around the world.

The ROCKWOOL trademark is one of the most important assets of the ROCKWOOL Group, and is therefore well-protected and defended by ROCKWOOL throughout the world.

If you require permission to use the ROCKWOOL logo for your business, advertising or promotion, you must apply for a Trade Mark Usage Agreement.

To apply, write to:
marketcom@rockwool.com

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HEALTH & SAFETY

A Material Safety Data Sheet is available and can be downloaded from www.rockwool.com/uk to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)