



FirePro® Intumescent Pipe Wraps CE

Fire stop solution for plastic penetrations

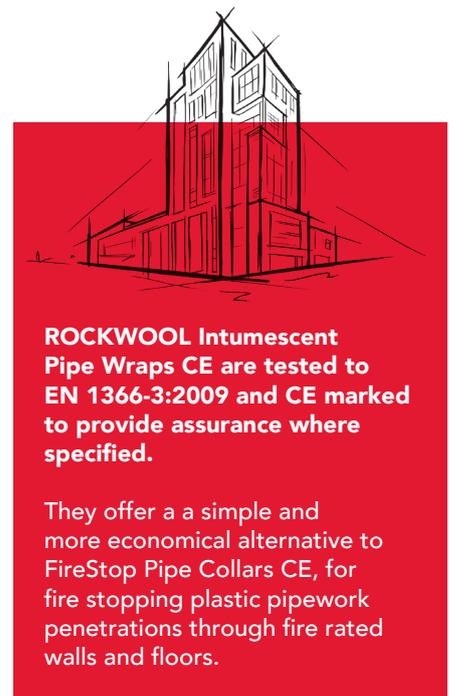
Intumescent Pipe Wraps CE are designed to seal service penetrations in apertures containing combustible plastic pipes. Pipe Wraps CE comprise layers of a graphite based intumescent sheet encapsulated in a polythene sheath. All Pipe Wraps CE are supplied in correct lengths to suit the pipe diameter.

Intumescent Pipe Wraps CE are tested to plastic services penetrating flexible and rigid wall constructions, rigid floors and in Ablative Coated Batt seals.

Pipe Wraps CE are tested with end capping configurations that cover U/C pipes.

- Simple to install with no mechanical fixings required
- Available to suit pipe diameters up to 250mm O.D.
- Up to EI 120* fire resistance
- Tested in conjunction with Ablative Coated Batt seals
- Dry system
- Water resistant

* Subject to the application



FirePro Intumescent Pipe Wraps CE



APPLICATIONS

- Fire stopping plastic pipe penetrations in rigid/flexible walls and rigid floors
- Can be applied to PVC, UPVC, Polypropylene, PE & HDPE pipe materials

UL-EU certification and any product label is only applicable to the specific scope and field of application as defined within the current and valid UL-EU certificate number UL-EU-01207-CPR.

Any additional details, amendments or additions to the product, or any use outside the scope or field of application, outside of that stated within certificate number UL-EU-01207-CPR has not been reviewed or approved by UL.

For a fully comprehensive list of applications please refer to the appropriate ROCKWOOL standard details available at www.rockwool.com/uk or contact the ROCKWOOL Technical Solutions Team.

FirePro Intumescent Pipe Wraps CE

PERFORMANCE

Fire performance

FirePro Intumescent Pipe Wraps CE can provide up to 2 hours* fire protection to plastic pipework where it passes through fire rated walls and floors.

** Subject to the application*

Intumescent Pipe Wrap CE has been certified by UL and CE marked to EAD 350454-00-1104.

Use the links below to access further information on fire performance:

[UL-EU Certificate - UL-EU-01207-CPR](#)

[ETA 20/1125](#)

[Certificate of constancy of performance - 2531-CPR-CXO10262](#)

[Fire stopping standard details pack](#)

PRODUCT INFORMATION

| Property | Description |
|-------------------------|---|
| Pipe diameter | Up to 250mm O.D. |
| Width | 40mm |
| Thickness | 2mm at 32mm, up to 12mm at 250mm |
| Fire resistance | Up to 2 hours* |
| Density | 1.2g/cm ³ |
| Expansion rate | 20:1 |
| Application temperature | -5 to 40°C |
| Shelf life | N/A if stored indoors in a cool, dry, ventilated area |

** Subject to the application*

STANDARDS AND APPROVALS

| Certificate |
|--|
| FirePro Intumescent Pipe Wraps CE have been tested to BS EN 1366-3:2009. |
| Third party certification through UL, Certificate No. UL-EU-01207-CPR. |
| CE marked to EAD 350454-00-1104. |



FirePro Intumescent Pipe Wraps CE

INSTALLATION

The product is intended to be wrapped around the outside diameter of the pipework and is secured by means of a self-adhesive strip.

Apertures or core holes in the separating element shall be maximum oversize with respect to the pipe diameter as follows:

- 32mm - 50mm OD = 4mm
- 160mm OD = 10mm
- 200mm OD = 12mm
- 250mm OD = 14mm

The Intumescent Pipe Wrap CE is then positioned each side within the compartment wall or floor so that the edge of the product is left exposed at the face of the wall or soffit. The remaining annular space/gap shall be infilled using FirePro Acoustic Intumescent Sealant or for larger void sizes, the Intumescent Pipe Wrap CE can be sealed into the structure with ROCKWOOL FireStop Compound (see Figures 1 & 2 below).

Under fire conditions, the intumescent material expands against the structure and fills the void left by the burnt out plastic.

Where pipes are insulated, please refer to the Insulated Fire Sleeve data sheet.

Intumescent Pipe Wraps CE are used to prevent fire penetration in plastic pipes that pass through fire rated walls and floors for a specified period of up to 2 hours. They are manufactured as a sealed unit to the correct length and width to suit the pipe diameter and fire rating.

Walls should be a minimum of 100mm thickness and floors a minimum 150mm thickness. All walls should have the same or improved period of fire resistance as that required of the sealing system.

Services should be supported no further than 400mm from the surface of the separating element for walls and 400mm above the surface of the floor.

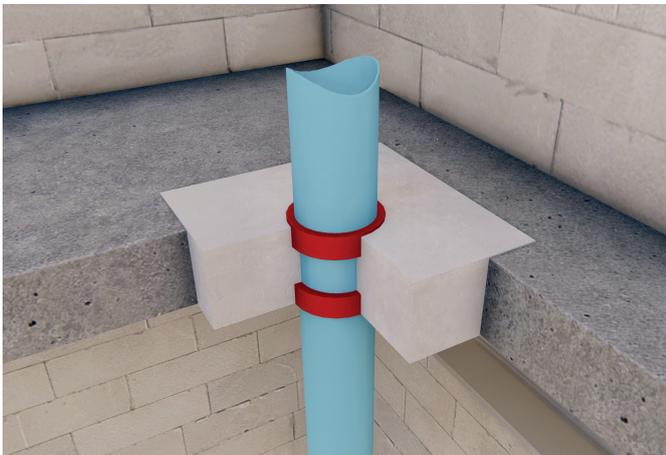


Figure 1
Intumescent Pipe Wrap CE sealed into compartment floor with ROCKWOOL FireStop Compound.

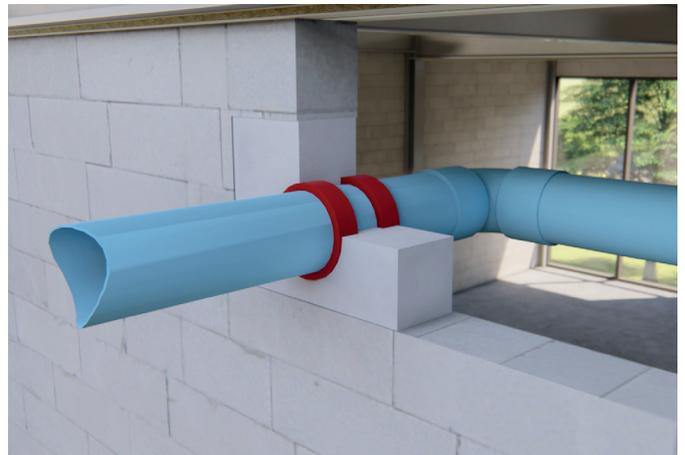


Figure 2
Intumescent Pipe Wrap CE sealed into a compartment wall with ROCKWOOL FireStop Compound.

FirePro Intumescent Pipe Wraps CE

Installation instructions

1. Check that the pipe surface is clean and clear of debris, dust or loose particles.
2. Aperture temperature should be 5°C or greater at time of installation.
3. Ensure that the appropriate Pipe Wrap CE is installed to suit the outside pipe diameter and required fire rating.
4. An annular space will be required around the service to allow sufficient installation depth.
5. Wrap around pipe and fix with integral self-adhesive strip. Ensure that when installing the Pipe Wrap CE to the pipework, that it is installed 5mm proud of the substrate's surface.
6. For larger voids, the Pipe Wrap CE can be sealed into the structure with ROCKWOOL FireStop Compound.
7. Slide into position ensuring that both edges are exposed either side of walls and floors.
8. Annular gaps or spaces present after installation of the Pipe Wrap CE can be infilled using FirePro Acoustic Intumescent Sealant.

Note: Please refer to the relevant standard detail for maximum pipe size coverage and fire resistance rating achieved according to the seal type/application.

SPECIFICATION CLAUSES

ROCKWOOL Intumescent Pipe Wraps CE are associated with the following NBS clauses:

P12 Fire stopping systems

375 Pipe Collar - Insulated Wrap

FirePro Intumescent Pipe Wraps CE

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.

ROCKWOOL Limited reserves the right to amend the specification of its products without notice. Changes to the ROCKWOOL manufacturing process, or to pertinent regulations, may be reflected in changes to tested and certified product performance. Whilst ROCKWOOL Limited endeavours to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law or other developments affecting the accuracy of the information contained in our publications.

ROCKWOOL Limited does not accept responsibility for the consequences of using (including testing or certifying) its products in applications different from those explicitly described in the relevant ROCKWOOL product datasheets. Expert advice should be sought, and ROCKWOOL Limited should be contacted, where such different use is contemplated, or where the extent of any use described by ROCKWOOL Limited is in doubt.

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

Trademarks

Registered trademarks of the ROCKWOOL Group include but are not limited to:

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To apply, write to:
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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)