



FIREPRO®

INTUMESCENT

PIPE WRAPS CE

Fire stop solution for plastic penetrations

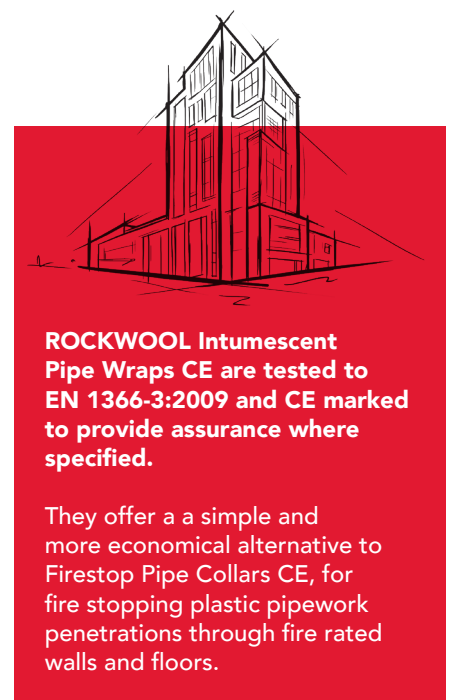
Intumescent Pipe Wraps CE are designed to seal service penetrations in apertures containing combustible plastic pipes. Pipe Wraps CE comprise layers of a graphite based intumescent sheet encapsulated in a polythene sheath. All Pipe Wraps CE are supplied in correct lengths to suit the pipe diameter.

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

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.

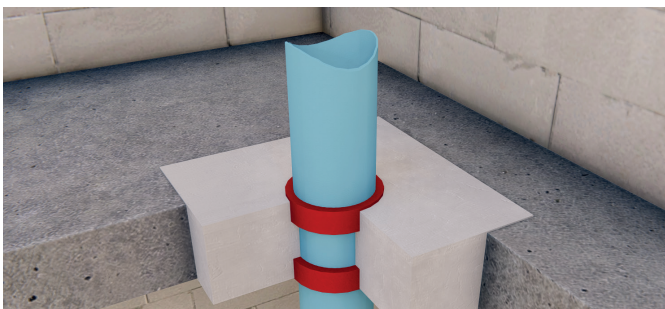


Figure 1
Intumescent Pipe Wrap CE sealed into compartment floor with ROCKWOOL Firestop Compound.

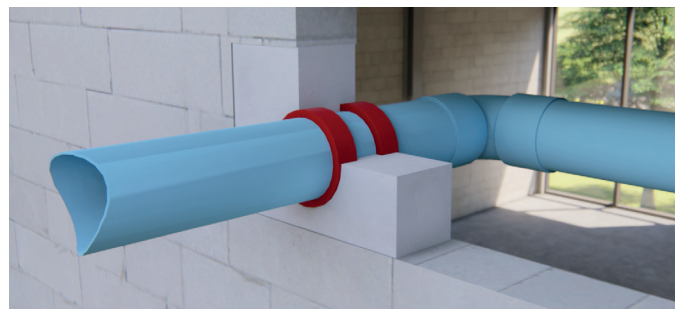


Figure 2
Intumescent Pipe Wrap CE sealed into a compartment wall with ROCKWOOL Firestop Compound.

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.

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FIREPRO® INTUMESCENT PIPE WRAPS CE

SPECIFICATION CLAUSES

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

P12 Fire stopping systems

375 Pipe Collar - Insulated Wrap

DISCLAIMERS

ROCKWOOL Limited, its affiliates, its agents and employees and all persons acting on its or their behalf (collectively "ROCKWOOL"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Usage of the information remains under the sole responsibility of the purchaser and/or user.

ROCKWOOL makes no warranty, representation or guarantee regarding the information contained in the data sheet, the suitability of the products for any particular purposes or the continuing production of any product. To the maximum extent permitted by applicable law, ROCKWOOL disclaims (i) any and all liability arising out of the application, use of any product, misuse or inability to use the product (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Information contained in this data sheet is up-to-date as at the date of issue. As ROCKWOOL Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. To the maximum extent permitted by law, ROCKWOOL Limited will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given other than those implied by law.

SUPPORTING INFORMATION

For further information relating to any aspect of the FIREPRO® range, please refer to the applicable ROCKWOOL standard details at www.rockwool.com/uk, contact the ROCKWOOL technical solution team on 01656 868490 or write to technical.solutions@rockwool.com

SUSTAINABILITY

As an environmentally conscious company, ROCKWOOL promotes the sustainable production and use of insulation and is committed to a continuous process of environmental improvement. All ROCKWOOL products provide outstanding thermal protection as well as four added benefits:



Fire resistance



Acoustic comfort



Sustainable materials



Durability

FIREPRO® INTUMESCENT PIPE WRAPS CE

HEALTH & SAFETY

The safety of ROCKWOOL stone wool is confirmed by current UK and Republic of Ireland health & safety regulations and EU directive 97/69/EC: ROCKWOOL fibres are not classified as a possible human carcinogen.

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).

ENVIRONMENT

Made from a renewable and plentiful naturally occurring resource, ROCKWOOL insulation saves fuel costs and energy in use and relies on trapped air for its thermal properties.

ROCKWOOL insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

ROCKWOOL is approximately 97% recyclable. For waste ROCKWOOL material that may be generated during installation or at end of life, we are happy to discuss the individual requirements of contractors and users considering returning these materials to our factory for recycling.