



FIREPRO®

INTUMESCENT

PIPEWRAP ROLL

Fire protection for pipework through fire rated walls and floors

Intumescent Pipewrap Roll comprises an intumescent material made from elastomeric thermoplastic polymers combined with active components that provide a high volume expansion and pressure seal in the event of a fire.

Intumescent Pipewrap Roll is supplied on 25m roll. The product is 40mm wide and 2mm thick, with integral adhesive tape for securing around the pipe. Depending on the service to be protected and the fire resistance required, multiple layers of wrap may be required, the exact number and positioning of the product is detailed in the performance section of this data sheet.

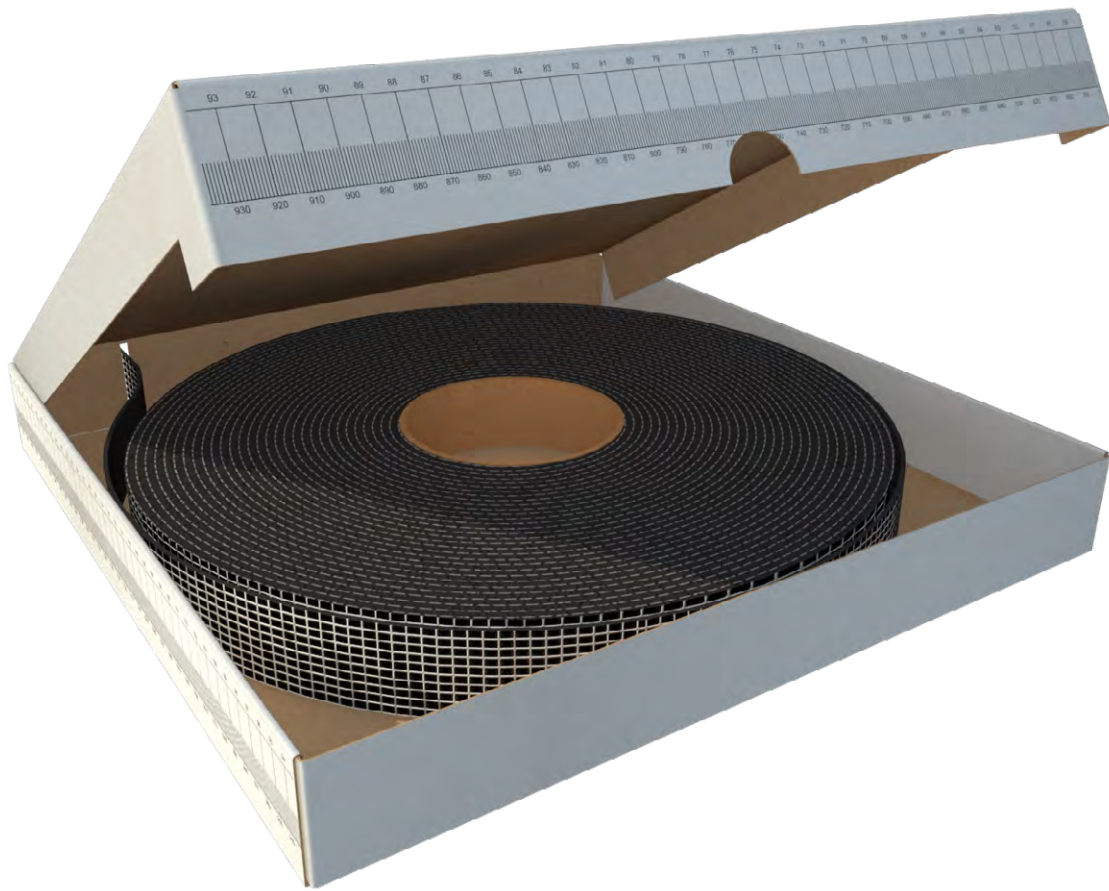
- Simple to install
- No mechanical fixings required
- Water resistant
- Supplied as a 25m long roll in box dispenser
- Available to suit pipes up to 250mm O.D.



A simple and more economical alternative which eliminates the need to carry a wide range of individually sized fire stopping product solutions.

Wrap on a roll is suitable for fire stopping a variety of combustible pipes and metallic pipes insulated with combustible insulation in both walls and floors.

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APPLICATIONS

Install Intumescent Pipewrap Roll to provide up to 2 hours* fire protection to tested plastic pipework and insulated pipes where they pass through fire rated walls and floors. Installation to be fully in accordance with manufacturer's instructions.

**Subject to the application*

Applicable floor constructions to be a minimum 150mm thick, constructed from autoclaved aerated concrete/concrete/masonry with a minimum density of 650kg/m³.

Applicable wall constructions should be a minimum 100mm thick. Rigid walls to be concrete/masonry blocks a minimum 450kg/m³. Flexible wall constructions should comprise with layers of 12mm gypsum type F plasterboard each side.

Constructions should achieve at least the same fire resistance performance as that required of the penetration seal.

'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-01204-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-01204-CPR has not been reviewed or approved by UL.'

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PERFORMANCE

Fire performance

FIREPRO® Intumescent Pipe Wrap Roll has been tested with varying substrates where services penetrate floors and walls. Pipe Wrap can provide fire resistance periods of up to EI 240*. **Subject to the application*

Intumescent Pipewrap Roll has been certified by UL.

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

[UL-EU Certificate - UL-EU-01204-CPR >](#)

[Fire Stopping Standard Details Guide >](#)

PRODUCT INFORMATION

Property	Description
Thickness	2mm
Width	40mm
Length	25m
Density	Approximately 1.2 g/cm ³
Volume expansion at 450°C	Approximately 25 times
Shelf life	18 months if stored in a cool, well ventilated area
Expansion pressure (N/mm ²)	Up to max. 1.30

STANDARDS AND APPROVALS

Certificate
Tested to BS EN 1366-4 fire resistance standard for service installations. Penetration seals. FIREPRO®
Third party certification through UL, Certificate No. UL-EU-01204-CPR. This certificate is available to download at www.rockwool.com/uk .



INTUMESCENT PIPEWRAP ROLL

INSTALLATION

The product is intended to be wrapped around the outside diameter of combustible pipework or the outside diameter of insulation on pipework and is secured by means of the integral self-adhesive strip.

1. Service apertures shall be a minimum 200mm from each other and 200mm from the seal edge.
2. Services should be securely supported no further than 400mm from the upper surface of the seal for floors or each side of the seal for walls.
3. Check that pipe surface and substrate are clean and clear of any debris.
4. Install the correct number of wraps for the service type and ensure the correct number of layers of wrap as detailed in the performance section of this data sheet.
5. Install the wrap into the wall or floor fitted flush to both faces of the wall or floor.
6. Apply a minimum 5mm deep bead of ROCKWOOL FIREPRO Acoustic Intumescent Sealant over the wrap around the service. Up to a maximum 12mm annulus to be filled with minimum 5mm depth ROCKWOOL FIREPRO Acoustic Intumescent Sealant.
7. Maintain a record of the installation.

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

Maintenance

During normal use, no maintenance is required.



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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.

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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 or contact the ROCKWOOL technical solution team on 01656 868490 or 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

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.