



# FirePro® Insulated Fire Sleeves

## Fire stopping of insulated pipe penetrations

Insulated Fire Sleeves are a combination of ROCKWOOL stone wool and graphite intumescent. Supplied with a factory applied reinforced aluminium foil facing.

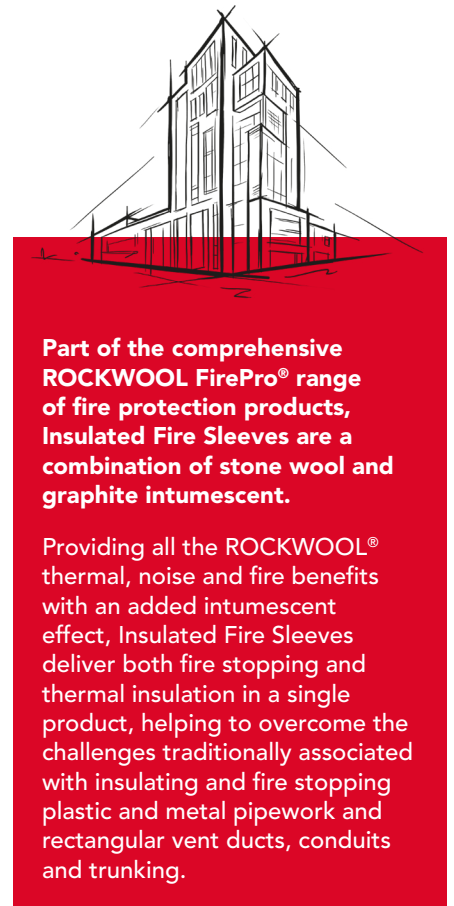
When thermally insulated plastic pipes pass through fire resisting walls and floors, the insulation is normally removed at the point of penetration to enable standard pipe collars and wraps to close the resulting void when the plastic softens and melts due to the effects of a fire. However, the removal of this insulation may result in the formation of condensation on cold pipework or heat loss from hot pipes. Insulated Fire Sleeves avoid this problem by providing both fire stopping and thermal insulation in a single product.

Insulated Fire Sleeves are intended for use on copper, steel and most types of plastic pipes, trunking and conduits to provide up to 4 hours\* fire resistance.

- Quick, simple and accurate installation
- Maintains pipe insulation at penetration points
- Supplied with integral vapour barrier
- No mastic or ancillaries required
- Can provide thermal and acoustic insulation

\*Subject to the application

**For more information visit [rockwool.com/uk](https://rockwool.com/uk)**



# FirePro Insulated Fire Sleeves



## APPLICATIONS

Insulated Fire Sleeves should be installed to the same thickness as the pipe insulation (min 25mm thick). For uninsulated pipes, a thickness of 25mm is required to maintain the fire resistance of the wall or floor.

# FirePro Insulated Fire Sleeves

## PERFORMANCE

### Fire performance

FirePro Insulated Fire Sleeves have been tested with a range of pipe materials which penetrate walls and floors, achieving up to 4 hours\* fire resistance. *\*Subject to the application.*

Insulated Fire Sleeves have been CE marked to EAD 350454-00-1104.

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

[ETA 21-0813 >](#)

[Certificate of constancy of performance 2812-CPR-0725 >](#)

[Fire stopping standard details guide >](#)

### Acoustic performance

When tested onto copper pipes within a lightweight wall construction, Insulated Fire Sleeves achieved  $R_w (C;C_{tr}) = 49 (-2;-8)$  dB

## PRODUCT INFORMATION

Property	Description
Pipe diameter range	17mm - 169mm
Length	300mm
Wall thickness	25mm
Pipework operating temperature	0°C - 180°C
Fire resistance	Up to 4 hours*

*\*Subject to the application*

## STANDARDS AND APPROVALS

Certificate
Insulated Fire Sleeves have been independently tested and assessed to BS 476; Part 20 and BS EN 1366-3: 2009 for periods of up to 4 hours* in concrete walls and floors, plasterboard partitions and ROCKWOOL Ablative Coated Batts.
CE marked to EAD 350454-00-1104
FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC® System Compatible Logo, FBC, FlowGuard Gold®, BlazeMaster®, Corzan® and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.



*\*Subject to the application*

# FirePro Insulated Fire Sleeves

## INSTALLATION

Insulated Fire Sleeves are supplied 300mm long and are simply cut to the desired length and as a minimum, be cut flush with both faces of the wall/floor. When used in conjunction with PVC services or ROCKWOOL Ablative Coated Batts, they are required to extend beyond the face of the wall/floor. For details of how far they need to extend please refer to specification clause 2.

### Maintenance

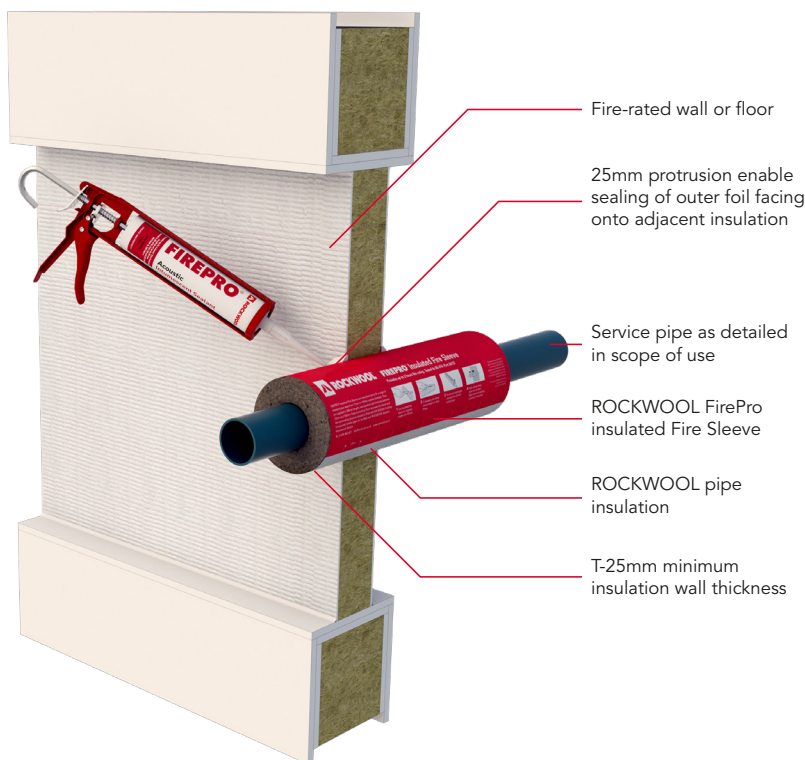
To maintain thermal efficiency, the Insulated Fire Sleeves should tightly abut any existing pipe insulation and where this is foil faced, all joints must be sealed with self-adhesive class O foil tape.

### Other install info e.g. ancillaries

No specialist tools or ancillary materials are required for the fitting of Insulated Fire Sleeves. Insulated Fire Sleeves can accommodate irregularities in the division opening and the pipe O.D. of up to 15mm.

Multiple pipe penetrations can be accommodated in conjunction with Ablative Coated Batts.

A minimum thickness of 25mm is required for uninsulated pipes. Thicknesses of 25 to 100mm available to match insulation already installed on pipework. Manufactured to fit pipe diameters of 15 to 169mm.



1. Supporting construction designation:-  
Floors: Cast concrete between 1100 and 2400kg/m<sup>3</sup> density.  
M=Masonry between 600 and 1500kg/m<sup>3</sup> density.  
PB= Plasterboard clad steel or timber stud partitions with fire resistance at least the same as the Fire Sleeve performance.  
CB= ROCKWOOL 50 or 60mm thick Ablative Coated Batt.
2. Insulated Fire Sleeves should project by at least 25mm beyond the visible face of each Coated Batt. There must be at least 50mm width of Coated Batt between any fire sleeve and the edge of the aperture and also between individual Fire Sleeves.
3. If gaps exceed 15mm around the aperture and the sleeve, the gap should be filled with ROCKWOOL Acoustic Intumescent or FIREPRO FireStop Compound. If gaps exceed 8mm between the service and the sleeve, these can be infilled, locally where the service penetrates the aperture, with the Acoustic Intumescent Sealant.
4. The installed length of any Insulated Fire Sleeve shall be at least 60mm.

## SPECIFICATION CLAUSES

FirePro Insulated Fire Sleeves are associated with the following NBS clauses:

### P12 Fire stopping systems

375 Pipe Collar: Insulated Wrap



# FirePro Insulated Fire Sleeves

## 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](mailto:marketcom@rockwool.com)

#### Trademarks

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To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

### HEALTH & SAFETY

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