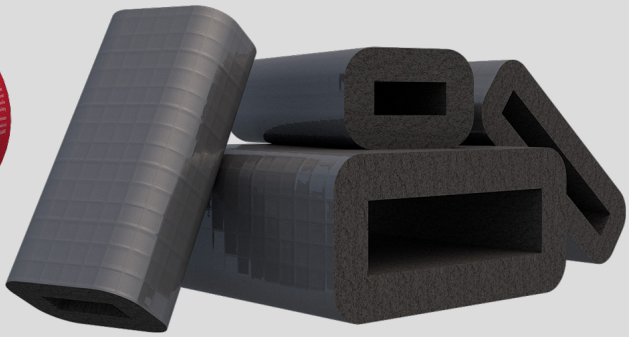
FirePro Insulated Fire Sleeve



FirePro Insulated Fire Duct Sleeve



FirePro® Insulated Fire Sleeve and FirePro® Insulated Fire Duct Sleeve

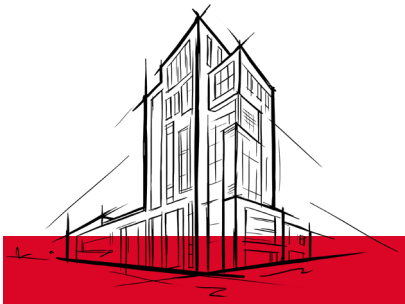
Fire-stopping of insulated pipe penetrations.

FirePro® Insulated Fire Sleeves and FirePro Insulated Duct 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.FirePro Insulated Fire Sleeves avoid this problem by providing both fire-stopping and thermal insulation in a single product.

FirePro 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. FirePro Insulated Fire Duct Sleeves are suitable for use with plastic conduits and plastic ductwork.

**Subject to the application.*



Part of the comprehensive ROCKWOOL FirePro® range of fire protection products, FirePro Insulated Fire Sleeves and FirePro Insulated Fire Duct Sleeves are a combination of stone wool and graphite intumescent.

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FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve



APPLICATIONS

FirePro 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 Duct Sleeves are suitable for use with plastic conduits and plastic ductwork.

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.

FirePro Insulated Fire Duct Sleeve can provide up to 120 minutes of fire-stopping to standard rectangular PVC ducting, trunking, and conduits passing through fire-rated walls and floors, subject to the application. Tested in accordance with BS EN 1366-3: 2009.

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve 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 >

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve

PRODUCT INFORMATION

FirePro Insulated Fire Sleeve

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.*

FirePro Insulated Fire Duct Sleeve

Product code	Width (mm)	Height (mm)	Nominal external width/diameter (mm)	Nominal thickness (mm)	Nominal height (mm)	Length (mm)
223687	110	54	160	25	104	180
223688	204	60	254	25	110	180
294019	220	90	270	30	150	180

STANDARDS AND APPROVALS

Certificate
FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve have been independently tested and assessed to BS EN 1366-3: 2009 for periods of up to 4 hours, subject to the application.
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.

FBC SYSTEM COMPATIBLE

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve

INSTALLATION

FirePro Insulated Fire Sleeves are supplied 300mm long and can be 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

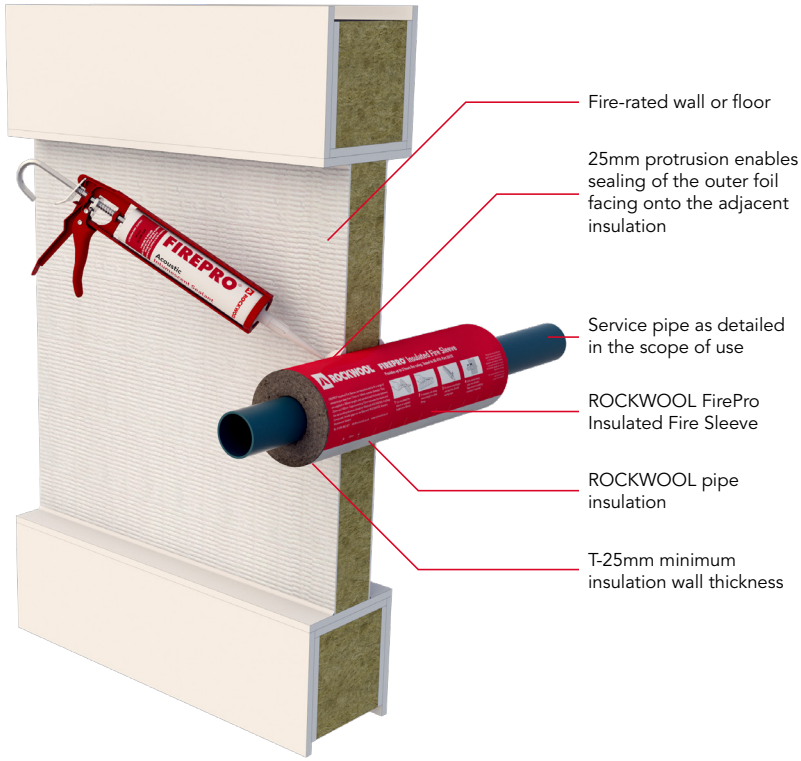
To maintain thermal efficiency, the FirePro Insulated Fire Sleeves should tightly abut any existing pipe insulation. Where this is foil faced, all joints must be sealed with self-adhesive class O foil tape.

Other install information (e.g. ancillaries)

No specialist tools or ancillary materials are required for the fitting of FirePro Insulated Fire Sleeves. FirePro 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 25mm to 100mm are available to match insulation already installed on pipework. Manufactured to fit pipe diameters of 15mm to 169mm.



1. Supporting construction designation:-
   Floors: Cast concrete between 1100kg/m³ and 2400kg/m³ density.
   M = Masonry between 600kg/m³ and 1500kg/m³ density.
   PB = Plasterboard clad steel or timber stud partitions with fire resistance at least the same as the Fire Sleeve performance.
   CB = ROCKWOOL 50mm or 60mm thick Ablative Coated Batt.
2. FirePro 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 Sealant or FirePro Compound. If gaps exceed 8mm between the service and the sleeve, these can be infilled locally where the service penetrates the aperture, with Acoustic Intumescent Sealant.
4. The installed length of any FirePro Insulated Fire Sleeve shall be at least 60mm.

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve

HANDLING & STORAGE

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve are supplied in protective boxes.

Further information on handling and storage is outlined in the material safety data sheet.

SPECIFICATION CLAUSES

The NBS clauses that include FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve can be found on NBS Source: source.thenbs.com

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve

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:

ROCKWOOL®, RockClose®, RainScreen Duo Slab®, HardRock®, RockFloor® Flexi®, RockFall®, FirePro®, DuctRock®, BeamClad®, NyRock®

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If you require permission to use ROCKWOOL images, you must apply for a Usage Agreement.

To apply, write to:
marketcom@rockwool.com

HEALTH & SAFETY

A material safety data sheet is available and can be downloaded from rockwool.com/uk to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH).

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve

Company:	ROCKWOOL Limited
Version:	Version 3.00 March 2026 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	02.03.2026
Product name:	FirePro Insulated Fire Sleeves / FirePro Insulated Fire Duct Sleeves
Replaces version:	Version 2.02 October 2025
Changes made:	• Updated version control information • Updated product names • Updated product images • Updated application information • Updated performance information • Updated standards and approvals • Updated installation information • Updated handling and storage information
Additional information:	

Please ensure you are using the latest version of this document by verifying it on our official website. Do not rely on printed or previously downloaded copies, as these may be out of date.

Please contact the ROCKWOOL Technical Support Team if you would like to access archived versions of this document.

FirePro Insulated Fire Sleeve and FirePro Insulated Fire Duct Sleeve

ROCKWOOL stone wool – safe to install and live alongside

There are no hazardous classifications associated with stone wool insulation manufactured by ROCKWOOL UK according to EU REACH and UK REACH regulations on health and the environment.

ROCKWOOL safe use instruction sheets and material safety data sheets (where applicable) can be downloaded here.

Sustainability

ROCKWOOL products are used to help enrich modern living, supporting more resilient and comfortable buildings.

We transform abundant, natural volcanic rock into stone wool insulation products that help our customers tackle energy consumption, noise pollution, fire resilience, and climate change challenges such as water scarcity and flooding.

Since our stone wool is endlessly recyclable with no loss in its performance properties, we can take back clean, uncontaminated new off-cuts, and unused ROCKWOOL stone wool insulation from construction sites in the UK. Our service, Rockcycle®, takes back our stone wool and recycles it back into production where it is used to make new ROCKWOOL products.

Our annual sustainability reports, which set out progress against our sustainability goals and further details of the positive impacts of using our products, can be found on our website.

Environment

ROCKWOOL takes a fact-based, auditable approach to documenting our progress in maximising our products' positive impact and minimising the effect our operations have on the environment, backed by third-party references and methodologies. Further details can be found online in our annual sustainability report.

Our high-tech production process uses filters, pre-heaters, after-burners, and other cleaning and collection systems that help to reduce the effects of our manufacturing operations on the environment.

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

