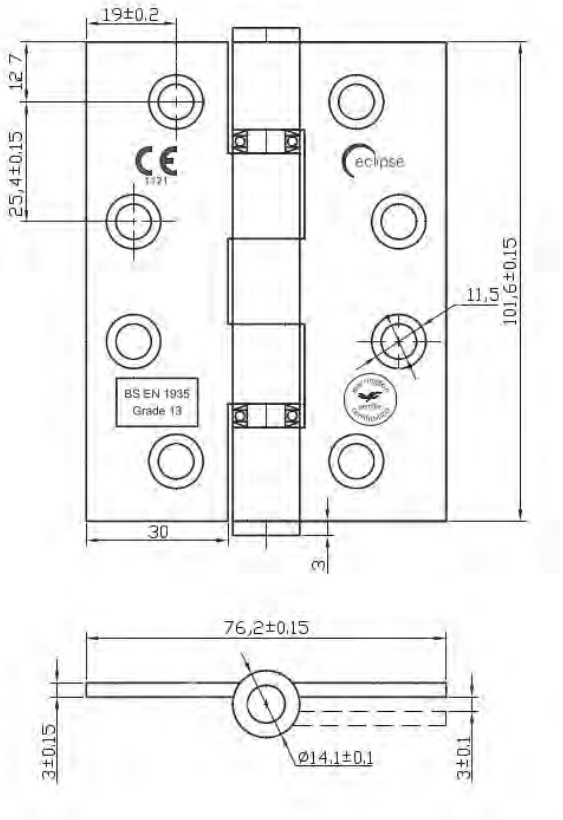
APPENDIX A

eclipse
ARCHITECTURAL HARDWARE

Data Sheet

Stainless Steel Grade 13 ball bearing hinge



The Eclipse stainless steel Grade 13 ball bearing hinge is a market leading product. Favoured by the architectural & trade markets for its reliability and quality assurance through the 100% quality inspection process and strict material sourcing policies. Manufactured with a unique 8 point spot weld.

30 60 90 120

certifire

CE

240

- CE 1121 marked
- CF 336 Certifire
- Grade 13 (120 kgs)
- EN 1935 performance tested to 200,000 cycles
- EN 1634 fire rated
- FD 30, 60, 90, 120 fire rated on timber doors
- FD 240 fire rated on steel doors
- 12x1.1/4" anti snap stainless steel pozi drive screws supplied.
- Suitable for doors 44-54mm thick
- 120 kg max door weight includes furniture & fixtures that increase door mass
- Intumescent hinge pads musted be used with the product for fire door compliance

Ref	Size	Grade	Qty	Finish
14854	102x76x3mm	13	2pk	SSS
14853	102x76x3mm	13	2pk	PSS
14882	102x76x3mm	13	2pk	EBP
14920	102x76x3mm	13	2pk	BLK
14854MAB	102x76x3mm	13	2pk	MAB
PK854	102x76x3mm	13	3pk	SSS
PK853	102x76x3mm	13	3pk	PSS
PK882	102x76x3mm	13	3pk	EBP

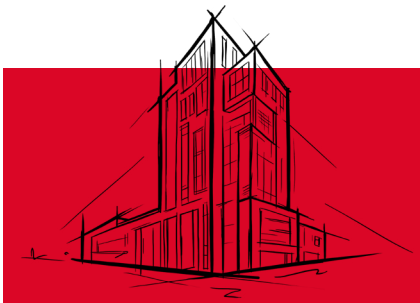
FirePro® 60mm Ablative Coated Batt

Fire stopping solution for voids in walls and floors

The ROCKWOOL Ablative Coated Batt comprises a high-density stone wool core, pre-coated on both sides with our high-performance ablative coating.

Ablative Coated Batt has been comprehensively tested as part of the ROCKWOOL FirePro range of fire protection products, specifically for use in service penetrations, head of wall and other void seals.

- Suitable for sealing 20m long x 1.2m high voids at head of wall
- Suitable for large unframed voids up to 7.02m²
- Tested with dampers
- Tested as part of the FirePro suite of solutions
- Lightweight and simple to install
- Tested for air tightness, providing an additional smoke and acoustic seal



ROCKWOOL 60mm Ablative Coated Batt provides fire stopping solutions in walls and floors, reinstating the fire resistance.

60mm Ablative Coated Batt is also tested for acoustic and air leakage performance.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro 60mm Ablative Coated Batt

APPLICATIONS

- Multiple substrates including: solid walls and floors; flexible walls
- Multi-service penetrations
- Head of wall
- Blank seals
- Face-fixed applications

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.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro 60mm Ablative Coated Batt

PERFORMANCE

Fire performance

Tests have proved the capability of a single 60mm Batt to provide up to 4 hours* fire resistance Integrity and Insulation ratings which are dependent upon the service penetrations and void size. Where 2 hours integrity and insulation are required we recommend the use of our 50mm Ablative Coated batt. **Subject to the application*

60mm Ablative Coated Batt has been CE marked to EAD 350454-00-1104.

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

ETA 22/0157 >

Certificate of constancy of performance - 2531-CPR-CXO10265 >

Fire Stopping Standard Details Guide >

Acoustic performance

Tested for head of wall:

- Rw= up to 52db (2 x Coated batts)
- Rw= up to 38db (1 x Coated batts)

The correct use of Coated batt within concealed cavities and voids will reduce the level of transmitted sound:

- Rw= up to 52 db (2 x Coated batts) - incorporating 48mm O/D PVC /15mm copper pipe penetrations.
- Rw= up to 34 db (1x Coated batts) - incorporating 48mm O/D PVC /15mm copper pipe penetrations.

For specific acoustic requirements please contact ROCKWOOL Technical Solutions.

PRODUCT INFORMATION

Property	Description
Length	1200mm
Width	600mm
Thickness	60mm
Fire resistance	*Up to 4 hours
Density	180kg/m³
Air leakage	0.41m³/h/m²

**Subject to the application*

STANDARDS AND APPROVALS

Certificate
BS EN 1366-3: 2009 and the dedicated fire resistance standard for linear joint seals, BS EN 1366-4:2006. Ablative Coated Batt has been classified in accordance with BS EN 13501-2. 60mm Ablative Coated Batt is also comprehensively tested to BS 476 Part 20 & 22.
CE marked to EAD 350454-00-1104.

CE

For further information on the full scope of fire performance please refer to the appropriate standard details available **www.rockwool.com/uk** or contact ROCKWOOL Technical Solutions.

Important: All Ablative Coated Batt fire resistance tests were conducted using ROCKWOOL FirePro ancillary products as appropriate.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

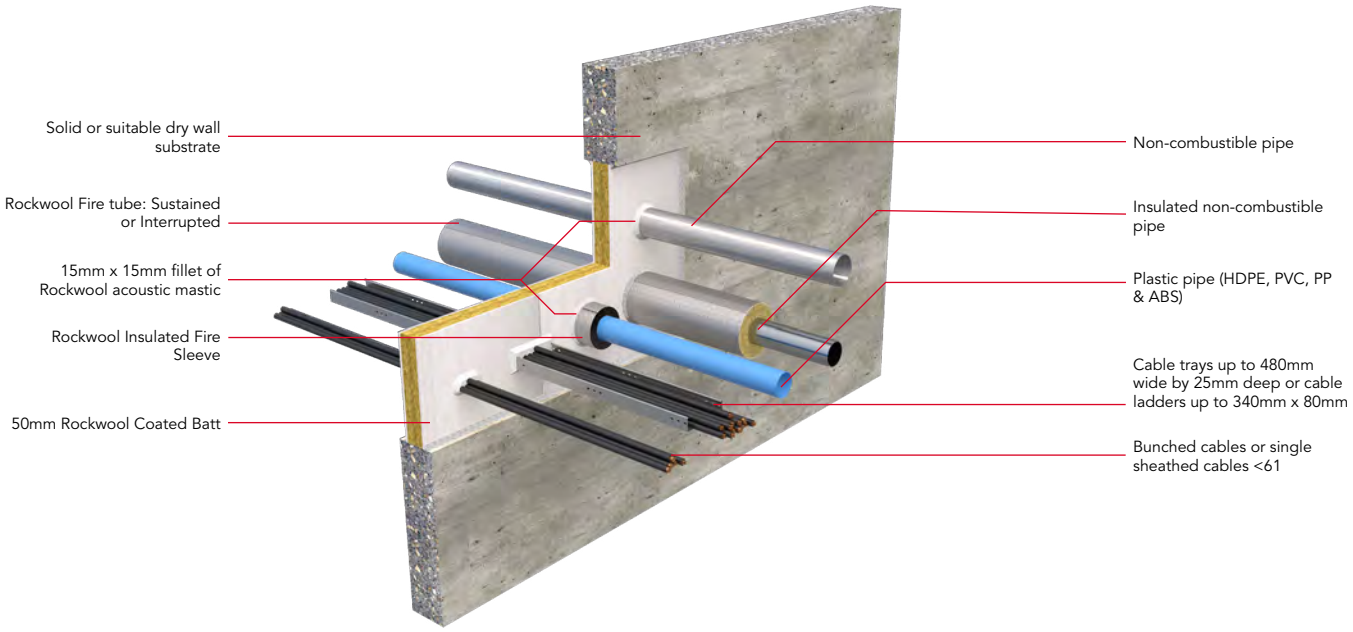
FirePro 60mm Ablative Coated Batt

INSTALLATION

1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges.
2. Cut ROCKWOOL Ablative Coated Batt to the size and shape required to fit the aperture ensuring that batt will make a tight fit with all edges of the aperture.
3. Cut rectangular holes from the coated batt to accommodate cable trays or ladders containing cables.
4. Cut the Coated Batt across its width at the mid-point of each rectangular hole to enable the Batt to be fitted into the aperture.
5. Apply ROCKWOOL Acoustic Intumescent Sealant to all edges of the Batt ensuring that an even cover is achieved over the entire thickness of the Batt. This should include the outer edges of the Batt and the edges of the cuts made across the Batt to allow fitting into the aperture.
6. Insert the Batt into the aperture.
7. Apply a bead of ROCKWOOL Acoustic Intumescent Sealant approximately 15mm wide around the perimeter of the Batt ensuring that all gaps between the Batt and surrounding edges are fully filled.
8. Apply a bead of ROCKWOOL Acoustic Intumescent Sealant approximately 15mm wide where cables pass through the Batt. Ensure that the sealant fully enclosed each cable within the tray or ladder and that all gaps are fully filled.
9. Repeat step 7 and 8 on the other side of the Batt.

Note: For any areas of Batt where the coating has been damaged, repaint with the Ablative Coating. Ensure that there is no uncoated slab or bare mineral wool visible.

FirePro Ablative Coated Batts are not intended for use as load-bearing seals. Where a load bearing seal is required, ROCKWOOL FireStop Compound should be considered. For seals over 1200mm x 1200mm Batt to Batt joints are to be fully coated with FirePro Glue.



For a comprehensive range of ROCKWOOL solutions for penetrating services passing through the Ablative Coated Batt, please refer to the applicable ROCKWOOL standard details available at ***www.rockwool.com/uk*** *or contact ROCKWOOL Technical Solutions.*

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro 60mm Ablative Coated Batt

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

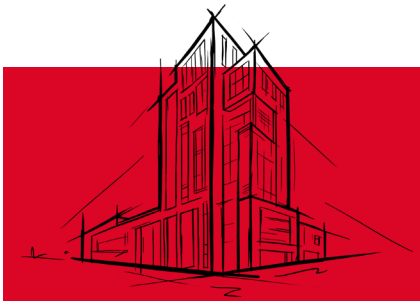
FirePro® Ablative Liquid

Improves the fire resistant properties for ROCKWOOL stone wool slabs

FirePro® Ablative Liquid has been replaced by a newer product, FirePro® CB Coating. This datasheet remains available to support existing projects and specifications.

For new specifications, ROCKWOOL highly recommends the use of FirePro CB Coating.

For product information and guidance, visit: www.rockwool.com/uk/products/firepro-cb-coating/



FirePro Ablative Liquid is used to further improve the fire resistant properties of ROCKWOOL stone wool slabs.

The ablative nature of the coating resists flame spread and forms an insulated char which protects the stone wool slab.

For more information visit rockwool.com/uk

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Ablative Liquid

FirePro Ablative Liquid is a water based, ready to use viscous paste which may be brush or spray-applied to stone wool slabs. The coating is available in white and may be over painted if desired.* FirePro Ablative Liquid is supplied in 5L tubs.

- Suitable for spray or brush application
- Dries to give a sound, flexible white surface finish
- Provides a stable surface for adhesive and fixing sealants

**Please contact ROCKWOOL Technical Solutions for guidance on suitable paints*

APPLICATIONS

FirePro Ablative Liquid is available separately to enable site repairs to FirePro® Ablative Coated Batt, that may have been damaged during installation.

FirePro Ablative Coated Batt is intended to act as an air seal barrier to reinstate the fire resistance and acoustic performances of concrete floors, masonry walls and dry wall systems when voids have been created for the passage of services. This includes pipes made of plain or stainless steel, cast iron, copper, polypropylene (PP), high density polythene (HDPE), PVC and ABS along with all sheathed cables up to 80mm and supported cable bundles up to 100mm.

FirePro Ablative Liquid

PERFORMANCE

Fire performance

FirePro Ablative Liquid is designed to re-seal the surface of FirePro Ablative Coated Batt where damage to the ablative coating may have occurred during installation.

FirePro Ablative Coated Batt has been tested to the dedicated fire resistance standard for penetration seals EN 1366-3. The independently prepared assessment, detailing the full scope of fire performance, is available from the ROCKWOOL Technical Solutions Team. Ablative Coated Batt fire resistance tests were conducted using FirePro® Acoustic Intumescent Sealant and/or FirePro® Glue.

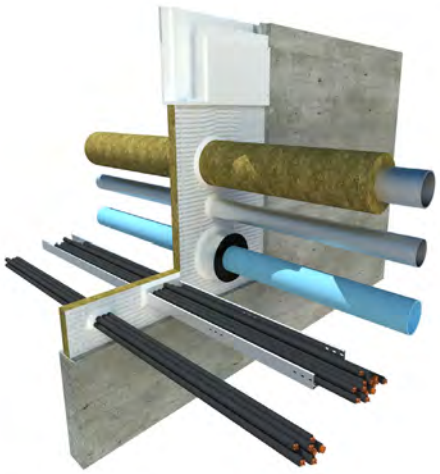
FirePro Ablative Liquid and stone wool slabs may only be used to fire protect service penetrations if supported by independent fire test evidence due to the variants in the density and thicknesses of stone wool slabs available.

PRODUCT INFORMATION

Property	Description
Cure system	Water loss
Colour	White
Specific gravity	1.3 – 1.4
pH	8.5 – 9.2
Flashpoint	None
Solids content (%w/w)	>58%
Application temp range	+5°C to +35°C
Shelf life	Up to 12 months when stored in unopened containers under cool dry conditions. Avoid frost and extremes of temperature
Durability	Up to 15 years when used as recommended

INSTALLATION

FirePro Ablative Liquid can be spray or brush applied.



SPECIFICATION CLAUSES

FirePro Ablative Liquid is associated with the following NBS clauses:

P12 Fire-stopping systems
325 Boards – Mineral Bound Lightweight
360 Mineral Wool Rigid Batts
365 Mineral Wool Rigid Batts – Ablative Coated

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

FirePro® AIS

Fire and acoustic sealant for penetration seals and linear joints

FirePro® AIS is an acrylic based fire resistant ablative sealant, designed for use as part of a fire-stopping solution to reinstate the fire performance of walls and floors.

- Tested in accordance with EN 1366-3: 2021+2024
- Tested in accordance with EN 1366-4:2021
- Classified in accordance with BS EN 13501-2: 2023
- Airborne sound insulation measured in accordance with BS EN ISO 10140-2: 2021
- Certified by UL-EU, Certificate No. UL-EU-01364-EN
- Suitable for linear joints up to 60mm wide

This product should NOT be allowed to come into direct contact with cPVC type piping.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro® AIS

FirePro AIS can be used as both a fire resistant seal within construction joints and to seal FirePro CB50/60 within penetration seals.

Designed to reinstate the fire resistance of compartment walls and floors, FirePro AIS provides fire resistance of up to 4 hours in accordance with EN 1366-4:2021, subject to the application.

APPLICATIONS

AIS is comprehensively tested for a wide range of applications which include:

- For use with FirePro CB50/60
- Sealing service penetrations
- Linear joint seals

FirePro® AIS

PERFORMANCE

Fire performance

Designed to reinstate the fire resistance of compartment walls and floors, FirePro AIS provides fire resistance of up to 4 hours (EI 240) in accordance with EN 1366-4:2021, subject to the application.

FirePro AIS has been certified by UL, Certificate No UL-EU-01364-EN

Acoustic performance

Please refer to UL Certificate: UL-EU-01364-EN for further information on acoustic performance and air permeability.

PRODUCT INFORMATION

Property	Description
Application temperature	5 - 35°C
Weighted sound reduction index	up to 62dB
Fire resistance	Up to 4 hours (EI 240) Subject to the application
Shelf life	Up to 18 months when stored in unopened cartridges under cool, dry conditions. Avoid Extreme Temperatures

STANDARDS AND APPROVALS

Certificates
Tested in accordance with EN 1366-3: 2021+A1:2024 and EN 1366-4:2021
Classified in accordance with EN 13501-2: 2023
Third party certification through UL, Certificate No. UL-EU-01364-EN

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

To apply, write to:
marketcom@rockwool.com

FirePro® AIS

Company:	ROCKWOOL Limited
Version:	Version 1.00 September 2025 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	25.09.25
Product Name:	FirePro® AIS
Replaces Version:	
Changes Made:	
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® CB50

Fire-stopping solution for voids in walls and floors

FirePro CB50 is an ablative coated batt, consisting of a high density stone wool core with an outer layer of water based ablative coating.

- Tested in accordance with EN 1366-3: 2021+A1:2024
- Classified in accordance with EN 13501-2: 2023
- Airborne sound insulation measured in accordance with BS EN ISO 10140-2: 2021
- Certified by UL-EU, Certificate No. UL-EU-01360-EN

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro® CB50

FirePro CB50 is an ablative coated batt, consisting of a high density stone wool core with an outer layer of water based ablative coating.

FirePro CB50 forms part of a fire-stopping solution to seal apertures within a building structure which allow the passage of multiple building services as required.

Designed to reinstate the fire resistance of compartment walls and floors, FirePro CB50 provides fire resistance of up to 2 hours (EI 120) in accordance with EN 1366-3: 2021+A1:2024, subject to the application.

APPLICATIONS

- Multiple substrates including: solid walls and floors; flexible walls
- Multi-service penetrations
- Head of wall
- Blank seals
- Face-fixed applications
- Large-framed service voids

FirePro® CB50

PERFORMANCE

Fire performance

FirePro CB50 has been tested as a penetration seal to EN 1366:3 2021+2024 and has been classified for fire resistance periods of up to EI 120, subject to the application.

FirePro CB50 has been certified by UL, Certificate No. UL-EU-01360-EN.

Acoustic performance

Tested in a double layered plasterboard internal partition.

300x300mm square framed and lined opening.

Single CB50 set within depth of opening 44 (-1;-3) RW (C;Ctr).

Double CB50 set within depth of opening 48 (-1;-3) RW (C;Ctr).

Tests were conducted in a 300mm wall partition wall.

For specific acoustic requirements please contact ROCKWOOL Technical Solutions.

PRODUCT INFORMATION

Property	Description
Length	1200mm
Width	600mm
Thickness	50mm
Fire resistance	Up to 2 hours
Density	160kg/m^3

STANDARDS AND APPROVALS

Certificates
Tested in accordance with EN 1366-3: 2021+A1:2024
Classified in accordance with EN 13501-2: 2023
Third party certification through UL, Certificate No. UL-EU-01360-EN

For further information on the full scope of fire performance please refer to the appropriate standard details available **www.rockwool.com/uk** or contact ROCKWOOL Technical Solutions.

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

To apply, write to:
marketcom@rockwool.com

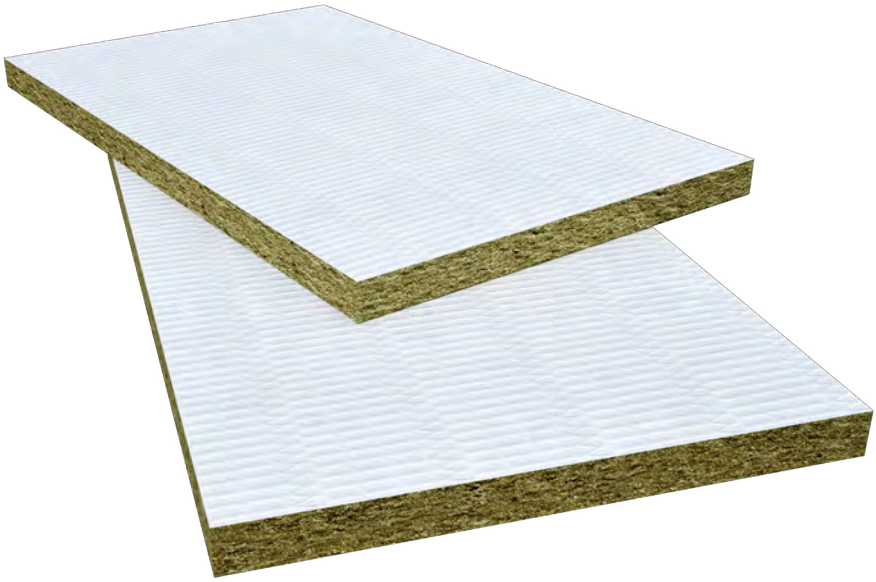
FirePro® CB50

Company:	ROCKWOOL Limited
Version:	Version 1.00 September 2025 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	25.09.25
Product Name:	FirePro® CB50
Replaces Version:	
Changes Made:	
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® CB50



Tools required

- Tape measure
- Sharp insulation knife or insulation saw
- Ruler
- Marker

Fixing and application

1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges.
2. Cut FirePro® CB50 to the size and shape required to fit the aperture ensuring that the batt will make a tight fit with all edges of the aperture.
3. Mark the batt to note placement of services for ease of cutting.
4. Cut rectangular/circular/semi circular holes from the coated batt to accommodate services such as cable trays/ ladders containing cables, and pipe work services.
5. Cut FirePro CB50 across its width at the mid-point of each hole to enable it to be fitted into the aperture.
6. Apply FirePro® AIS to all edges of FirePro CB50 ensuring that an even cover is achieved over the entire thickness of FirePro CB50. When bonding two pieces of FirePro CB50, FirePro AIS should by applied to both edges being bonded. This should include the outer edges and the edges of the cuts made across FirePro CB50 to allow fitting into the aperture. There is no requirement to apply sealant to the edges of the holes cut to accommodate cable trays or ladders.
7. Insert FirePro CB50 into the aperture.

8. Apply a bead of FirePro AIS approximately 15mm wide around the perimeter of FirePro CB50 ensuring that all gaps between FirePro CB50 and surrounding edges are fully filled.
9. Apply a bead of FirePro AIS around all penetration/batt interfaces to ensure a complete seal.
10. Check fit around services once FirePro CB50 is in place. Gaps larger than 15mm should be infilled using offcuts of batt and FirePro® CB Coating applied to cover any bare mineral wool.
11. Apply a bead of FirePro AIS approximately 15mm wide where cables pass through FirePro CB50. Ensure that the sealant fully encloses each cable within the tray or ladder and that all gaps are fully filled.
12. Repeat step 7 and 8 on the other side of FirePro CB50.
13. Paint any visible areas of stone mineral wool with FirePro CB Coating.

Note: For any areas of FirePro CB50 where the coating has been damaged, repaint with FirePro CB Coating. Ensure that there is no uncoated slab or bare mineral wool visible.

Other installation information

FirePro CB50 is not intended for use as a load-bearing seal. All service items should be adequately supported either side of the seal to ensure that no load is transferred onto the coated batt. Where a load-bearing seal is required, FirePro® Compound should be considered.

Health & safety

The mechanical effect of fibres in contact with skin may cause temporary itching.

Cover exposed skin

When working in unventilated area wear disposable face mask.

Clean area using vacuum equipment.

Waste should be disposed of according to local regulations.

Rinse in cold water before washing.

Ventilate working area if possible.

Wear goggles when working overhead.

For a comprehensive range of ROCKWOOL solutions for penetrating services passing through FirePro CB50, please refer to the applicable ROCKWOOL standard details available at www.rockwool.com/uk or contact ROCKWOOL Technical Solutions.

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 installation guidance 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 installation guidance, 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 document 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.

FirePro® FireStop Compound

Firestop solution for cable, pipe and duct penetrations

FireStop Compound is a specially formulated gypsum-based compound, which is mixed with water to be trowelled or poured around service penetrations.

- Inhibits smoke
- Acoustic barrier
- Suitable for sealing around most types of service penetrations
- Load bearing capability
- Simple installation
- No smoke emission
- Unaffected by humidity

As part of the comprehensive FirePro® range of fire protection products, ROCKWOOL FireStop Compound is used to provide a fire resisting seal around service penetrations in fire rated walls and floors.

FirePro® FireStop Compound

APPLICATIONS

- Re-instating the fire resistance of wall and floor constructions
- Load bearing floors
- Wall penetrations
- Load bearing seals around unsupported fire dampers

FirePro® FireStop Compound

PERFORMANCE

Acoustic performance

Thickness of compound (mm)	R_W ($C;C_{tr}$) - Specimen Only
50	40 (-1;-3) dB
100	44 (0;-3) dB
150	52 (-1;-6) dB

Test Reference: MTP/F16066/P003, P004, P007, P008, P009 and P010

For specific information on acoustic performance please contact ROCKWOOL Technical Solutions on 01656 868490 or **technical.solutions@rockwool.com.**

Load bearing capability

Thickness of compound (mm)	Max. load bearing area free of services
75	500 x 500mm
100	750 x 750mm

Openings with a clear area larger than 750 x 750mm need to be reinforced as outlined within the installation section. For further information on the reinforcement of openings greater than 750 x 750mm, please contact ROCKWOOL Technical Solutions on 01656 868490 or **technical.solutions@rockwool.com**.

Fire performance

For detailed information on fire performance, please contact the ROCKWOOL Technical Solutions Team: **technical.solutions@rockwool.com**.

PRODUCT INFORMATION

Property	Description
Pack size	22kg bag
Fire resistance	Up to 6 hours*
Load bearing capacity	Up to 2.5KN
Acoustic performance	Up to 52dB
Shelf life	6 months

STANDARDS AND APPROVALS

Certificate
FirePro® FireStop Compound has been tested to BS 476 Part 20:1987
This product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with this datasheet - please refer to the LUL Approved Product Register website **www.LU-apr.co.uk** for specific details.

FirePro® FireStop Compound

INSTALLATION

Floor installations

In floors, a permanent shuttering made from 50mm ROCKWOOL slab (minimum density 140kg/m^3) is cut and friction fitted between services and the edges of the floor slab. FireStop Compound is then trowelled over the shutter to a depth of 25mm thick. This is allowed to cure. Further FireStop Compound is then mixed to a pouring grade and tops the seal up to the required depth (See Figure 1).

FireStop Compound sets in 30-45 minutes and is capable of accommodating light foot traffic in approximately 72 hours.

Installation instructions – floors

1. Mix a bag of compound to 10 litres of water (3:1) by volume. Vary to suit site conditions.
2. Set the shuttering into the opening ensuring a tight fit so that once the required depth of compound is installed it finishes flush with the floor slab/screed unless otherwise specified.
3. Mix and pour compound until the required thickness is achieved.

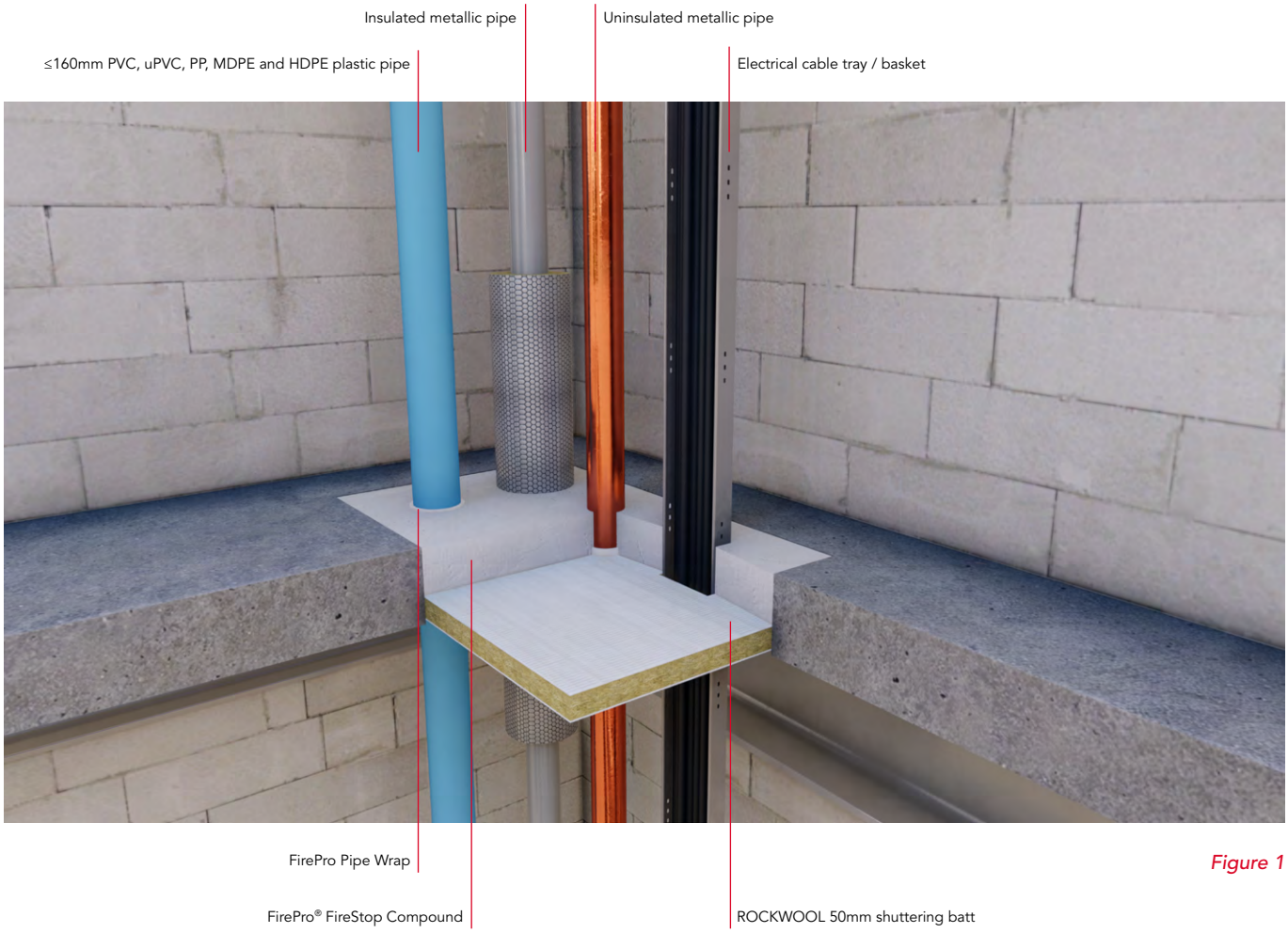


Figure 1

FirePro® FireStop Compound

Wall installations

In wall applications (See Figure 2), FireStop Compound is mixed into a stiff consistency for trowelling into openings.

Installation instructions – walls

1. Mix a bag of compound to 10 litres of water (3:1) by volume. Vary to suit site conditions.
2. Apply the compound using the specified shuttering method (See Figure 3).
3. Trowel the compound starting at the base of the opening ensuring the correct thickness of material is installed. Work progressively towards the top of the opening until the barrier is complete. If the shuttering panel is set at the centre, repeat the process on the other side.

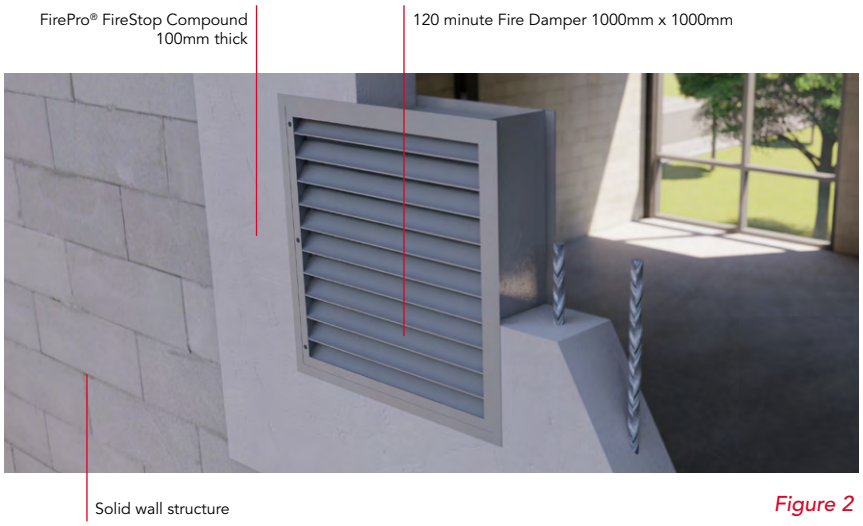


Figure 2

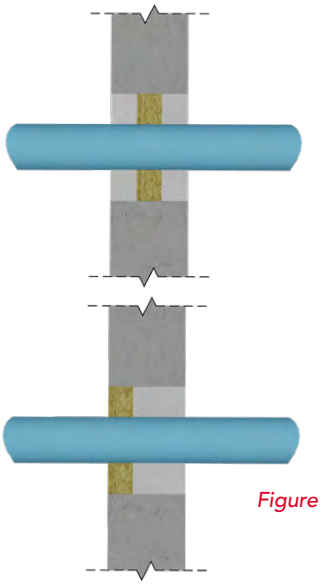


Figure 3

Coverage

Thickness of compound (mm)	Number of bags/m²
75	3.15
100	4.20
150	6.30

The above calculations are approximate and based on 22kg bags.
The coverage rates shown do not take into account the area of service penetrations within the aperture.

SPECIFICATION CLAUSES

FirePro® FireStop Compound is associated with the following NBS clauses:

P12 Fire stopping systems
340 Intumescent Mortar

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**.

FirePro® FireStop Compound

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

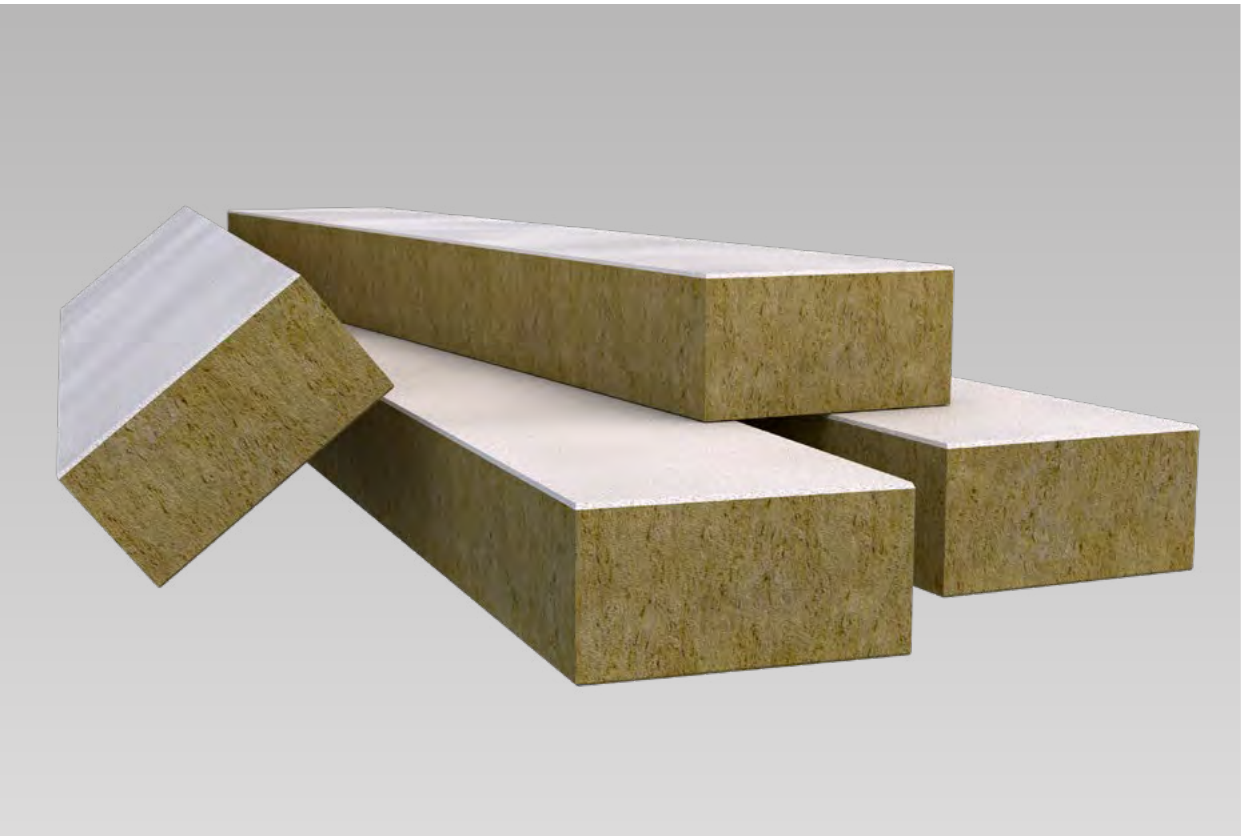
Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)



FirePro® Flex Seal Coated Strip

A flexible fire-stopping penetration seal for service applications

Engineered to accommodate structural movement, the FirePro Flex Seal Coated Strip is designed for use in penetration seals within fire-rated constructions.

- Tested in accordance with EN 1366-3: 2021 +A1:2024
- Classified in accordance with EN 13501-2: 2023
- Certified by UL, Certification No: UL-EU-01351-EN
- Non-combustible stone wool core
- Pre coated with Flex Seal Coating

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro® Flex Seal Coated Strip

APPLICATIONS

Designed for penetration seals within buildings, the FirePro Flex Seal Coated Strip accommodates movement in service penetrations and deflection heads, where flexibility and fire performance are required.

FirePro Flex Seal Coated Strip can be installed into apertures within concrete floors, masonry walls, dry wall systems, or as a standalone seal for openings up to 1000mm x 1000mm or as part of a larger ROCKWOOL CB50/60 Coated Batt seal (2 layers) to accommodate movement of services.

Higher levels of service movement may be accommodated by installing the product under higher compression rates, please contact ROCKWOOL Technical Solutions for guidance.

FirePro® Flex Seal Coated Strip

PERFORMANCE

Fire performance

FirePro Flex Seal Coated Strip has been tested as a penetration seal to EN 1366-3: 2021 +A1: 2024 and has been classified for fire resistance periods of up to 2 hours (EI 120), subject to the application.

FirePro Flex Seal Coated Strip has been certified by UL Certification No: UL-EU-01351-EN

Acoustic performance

- Tested in a double layered plasterboard internal partition.
- 300x300mm square framed and lined opening.
- Single 100mm FirePro Flex Seal set within depth of opening 48(-1;-3) RW (C;Ctr)
- Tests were conducted in a 300mm wall partition wall.

PRODUCT INFORMATION

Property	Description
Length	1200mm
Width	200mm
Thickness	100mm
Fire resistance	Up to 2 hours (EI 120)
Coating	Flex Seal Coating double sided

STANDARDS AND APPROVALS

Certificate
Tested in accordance with EN 1366-3: 2021 +A1:2024
Third party certification through UL, Certificate No. UL-EU-01351-EN

FirePro® Flex Seal Coated Strip

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

To apply, write to:
marketcom@rockwool.com

FirePro® Flex Seal Coated Strip

Company:	ROCKWOOL Limited
Version:	Version 1.00 September 2025 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	25.09.25
Product Name:	FirePro® Flex Seal Coated Strip
Replaces Version:	
Changes Made:	
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.

Technical datasheet
FirePro® Glue
Version 2.02 February 2025

FirePro® Glue

Fire-resistant adhesive for fire protection systems

ROCKWOOL FirePro Glue is a water based, fire-resistant adhesive which is supplied in 17kg tubs and 300ml cartridges.

- Easy to apply
- Sets in as little as 4 hours
- Can be used from -10°C upward

FirePro Glue has been specially formulated for use with FirePro BeamClad® and DuctRock® Slab where glued joints or noggins are required.

FirePro Glue can also be used where there is a requirement for a fire-resistant adhesive. The product has been widely used in fire tests conducted on ROCKWOOL Fire Protection Systems - achieving fire ratings of up to four hours.

For more information visit rockwool.com/uk

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Glue

APPLICATIONS

FirePro Glue is suitable for use with FirePro BeamClad and DuctRock Slab where glued joints or noggins are required. FirePro Glue can also be used in conjunction with other ROCKWOOL Stone Wool products where there is a requirement for a fire-resistant adhesive.

Frost exposure does not remove curing ability.

The use of FirePro Glue is not limited to particular temperatures and has been tested when applied to surfaces with temperatures of -10°C and upwards, but the curing rate in-situ can be affected by:

- Temperature (see Table 1)
- Air humidity
- Thickness of glue layer in a joint
- Air access to glued joint (i.e. not sealed off)

Important note:

The temperature of FirePro Glue must be 5°C or more when applied to surfaces at lower temperatures.

FirePro Glue

PERFORMANCE

FirePro Glue has been widely used in fire tests conducted on ROCKWOOL Fire Protection Systems where fire ratings of up to 4 hours* have been achieved. For further information tested applications please contact ROCKWOOL.

**Subject to the application*

PRODUCT INFORMATION

Property	Tub	Cartridge
Pack Size	17kg Tub	300ml cartridge
Application temperature	Surface temperature of ≥ -10°C (Glue must be ≥ 5°C)	Surface temperature of ≥ -10°C (Glue must be ≥ 5°C)
pH	11	11
Shelf Life	12 months	18 months
Fire Rating	Up to 4 hours (When tested with ROCKWOOL Fire Protection Systems)	Up to 4 hours (When tested with ROCKWOOL Fire Protection Systems)

INSTALLATION

Application of glue from tub is typically made by a pallet knife or trowel before pressing surfaces together. The product must always be stirred before use to ensure a uniform product consistency. Application of glue from cartridge is made using a sealant gun and spread evenly over the surface with a spatula or similarly flat bladed tool. Fixing boards together is supplemented by nails, pins or staples through noggin board joints and board joints.

Whilst steel surfaces may be acceptable when just moist to the touch, heavy water droplets, grease, scale oxide, dust etc should be removed prior to the application of FirePro Glue.

Testing has shown that even if glued joints are immediately subjected to heavy frost exposure, the final glued joint strength is not threatened, but curing is retarded.

Glue fixed noggins must be allowed to set fully before any attempt is made to fix cover boards. Table 1 suggests minimum times to allow such setting to occur between ROCKWOOL BeamClad noggins and steelwork.

FirePro Glue may be used to attach cover boards onto cured noggins (and in glued board joints), provided that a 24 hour interval is acceptable before further trades work on such protected steelwork.

Important note: when friction fitted glued joints are exposed to sub-zero temperatures either immediately, or at some time during the curing process, adequate bond stability will form in approximately 1 hour. This bond will be sufficient for cover boards to be applied. Full setting will continue as in Table 1 when frost free conditions return, but stability will be provided by the supplementary pins or nails. The final strength of the glued joints will not be affected by exposure to sub-zero temperatures during the curing process.

FirePro Glue

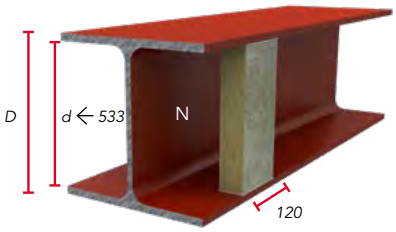
Noggins to steelwork

Testing has been carried out under various application conditions. All noggins fitted into steelwork should be cut to provide an interference friction fit of approximately 0.5mm. Excessive oversizing causing the noggins to bend should be avoided (refer to Figures 1-3).

The noggins should be installed so as to be just proud of the flange tips. For web depths greater than 500mm 'solid' noggins or 'T' noggins ROCKWOOL BeamClad must be used.

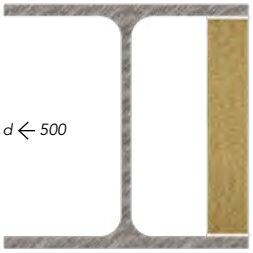
Again a nominal 0.5mm interference fit is recommended for all ambient conditions, but particularly for winter working.
All noggin edges in contact with steelwork must be glued.

Figure 1



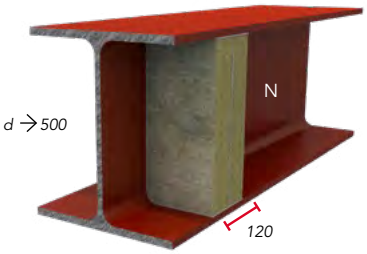
Soldier noggin depth
N = d + 0.5mm, approx

Figure 1a



BeamClad
N = d + 0.5

Figure 2



Soldier noggins may be laminated provided FirePro Glue is used between laminated surfaces

Figure 2a

BeamClad
N = d + 0.5

Figure 3

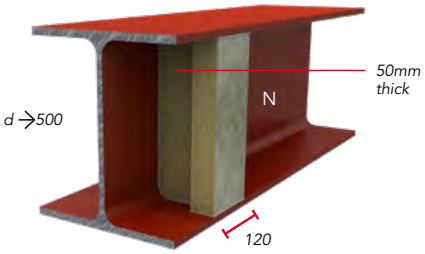


Figure 3a

Noggins at least 50mm thick
N = d + 0.5

FirePro Glue

Ambient conditions & curing times

For all year round working, noggins should be cut to provide approximately 0.5mm interference fit into steelwork. Some friction in the fitting is required to satisfy all conditions and to provide a sensible limit to glue thickness.

In typical dry summer conditions of 20°C, curing of the basic glue will occur in approximately 4 hours before cover boards should be added onto the noggins.

The setting times of glue in moist air conditions is approximately 6-8 hours if the temperature is above freezing point, or in approximately 1 hour at 20°C.

Table 1
Setting times for different conditions

Conditions	Setting time
Approx 20°C dry conditions	Approx 4 hours
Approx 3°C+ with moist air conditions	Greater than 24 hours expected
-10°C to 0°C	Adequate bond forms within 1 hour but full cure may be delayed over 24 hours when temperatures 0 - 6°C

Storage

Generally storage should be made in frost free conditions. Should frost exposure occur, the glue should be thawed out and thoroughly stirred.

FirePro Glue

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

FirePro® HES

Fire resistant high expansion intumenscent sealant

FirePro HES is an acrylic based high expansion intumescent sealant, designed for use with FirePro CB50/60 as part of a fire-stopping solution to seal around penetrations in building elements such as pipes, cables or ducts.

- Tested in accordance with BS EN 1366-3: 2021+A1:2024
- Classified in accordance with BS EN 13501-2: 2023
- Certified by UL-EU, Certificate No. UL-EU-01349-EN
- Suitable for both walls and floors

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro® HES

FirePro HES has been tested as a fire resisting penetration seal, designed to provide high volume expansion and pressure sealing to close off the void left by combustible services after exposure to fire.

FirePro HES provides fire resistance of up to 4 hours (EI 240) in accordance with EN 1366-3: 2021+A1:2024, for fire-stopping where services penetrate walls and floors, subject to the application.

APPLICATIONS

FirePro HES has been tested for a wide range of applications which include:

- Combustible pipes
- Metal pipes insulated with combustible insulation
- Cables (single cables or cable bunches)

PERFORMANCE

Fire performance

FirePro HES provides fire resistance of up to 4 hours (EI 240) in accordance with EN 1366-3: 2021+A1:2024 for fire-stopping where services penetrate walls and floors, subject to the application.

FirePro HES has been certified by UL, Certificate No UL-EU-01349-EN.

FirePro® HES

PRODUCT INFORMATION

Property	Description
Form	Ready to use thixotropic paste
Cartridge size	310ml
Curing system	Water based
Specific gravity	1.4 - 1.5 g/cm^3
Curing time	28 days for full cure
Shore (A) hardness	73 initial 65 after 5 seconds (ISO 7619-1)
Application temperature range	+5°C to +35°C
Shelf life	Up to 18 months when stored in unopened cartridges under cool, dry conditions. Avoid Extreme Temperatures

STANDARDS AND APPROVALS

Certificates
Tested in accordance with EN 1366-3: 2021+A1:2024
Classified in accordance with EN 13501-2: 2023
Third party certification through UL, Certificate No. UL-EU-01349-EN

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

To apply, write to:
marketcom@rockwool.com

FirePro® HES

Company:	ROCKWOOL Limited
Version:	Version 1.00 September 2025 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	25.09.25
Product Name:	FirePro® HES
Replaces Version:	
Changes Made:	
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.

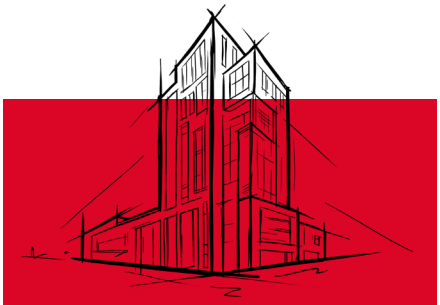
FirePro® High Expansion Intumescent Sealant

Resists the spread of fire and smoke

FirePro® High Expansion Intumescent Sealant has been replaced by a newer product, FirePro® HES. This datasheet remains available to support existing projects and specifications.

For new specifications, ROCKWOOL highly recommends the use of FirePro HES.

For product information and guidance, visit: www.rockwool.com/uk/products/firepro-hes/



FirePro High Expansion Intumescent Sealant is an easy to apply water based acrylic emulsion sealant containing graphite.

It reacts to temperatures above 135°C which is used to reinstate the integrity and insulation rating of compartment walls and floors where penetrated by combustible and non-combustible materials.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro High Expansion Intumescent Sealant

FirePro High Expansion Intumescent Sealant is water based acrylic sealant containing graphite. In the event of a fire, the active components provide a high volume expansion and pressure seal, closing off the void left by combustible materials.

FirePro High Expansion Intumescent Sealant is supplied in 310ml cartridges.

- Simple solution for sealing combustible pipes and metal pipes with combustible insulation
- Suitable for both walls and floors
- Compatible with cPVC pipes
- Tested in multiple substrates

APPLICATIONS

FirePro High Expansion Intumescent Sealant is comprehensively tested for a wide range of applications which include:

- Combustible pipes
- Metal pipes insulated with combustible insulation
- Cables (single cables or cable bunches)

FirePro High Expansion Intumescent Sealant

PERFORMANCE

Fire performance

FirePro High Expansion Intumescent Sealant has been tested to BS EN 1366-3: 2009, providing up to 4 hours* fire protection in joints up to 30mm. **Subject to the application*

FirePro High Expansion Intumescent Sealant 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-01202-CPR >

ETA 20/1131 >

Certificate of constancy of performance - 2531-CPR-CXO10267 >

Fire-stopping standard details guide >

PRODUCT INFORMATION

Property	Description
Form	Ready to use thixotropic paste
Cartridge size	310ml
Curing system	Water based
Specific gravity	1.5
Extrusion rate	350g/min
SAG	˂3min
Open time	30mins
Tack free time	60mins
Curing time	3 to 5 days
Shore (A) hardness	50
Solids	>80%
Application temperature range	+4°C to +35°C
Service temperature range	-15°C to 70°C
Shelf life	Up to 18 months when stored in unopened cartridges under cool, dry conditions. **Avoid Extreme Temperatures**

STANDARDS AND APPROVALS

Certificate
Third party certification through UL, Certificate No. UL-EU-01202-CPR. This certificate is available to download at **www.rockwool.com/uk**
FirePro High Expansion Intumescent Sealant has been CE marked against 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.

This product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with this datasheet - please refer to the LUL Approved Product Register website **www.LU-apr.co.uk** for specific details. LUL Ref. 2454.

FirePro High Expansion Intumescent Sealant

INSTALLATION

All surfaces must be clean and sound, free from dirt, grease and other contamination.

Prepare joint by cleaning as previously detailed and insert backer if required. Cut nozzle to the desired angle and gun firmly into the joint to give a good solid fill to the required depth. Strike off the sealant flush with the joint sides within five minutes of application, before surface skinning occurs. A small amount of shrinkage will occur on curing. If a flush finish is required, fill the joint slightly proud of the surface to allow for shrinkage.

Important information

- *The sealant is not intended for application on bituminous substrates or substrates that can exude certain oils and plasticizers or solvents.*
- *The sealant is not recommended for submerged joints or areas exposed to high abrasion.*
- *The sealant is not suitable for food contact or medical applications.*

FirePro High Expansion Intumescent Sealant is different to standard intumescent sealants. It is tested and installed within a defined annular space between the service and the substrate. Please refer to the ROCKWOOL Standard Details for a complete list of tested systems.

SPECIFICATION CLAUSES

FirePro High Expansion Intumescent Sealant is associated with the following NBS clauses:

E40: Designed joints in in-situ concrete
530 Sealant
F30: Accessories/sundry items for brick/block/stone walling
610 Movement joints with sealants
L10: Windows/rooflights/screens/louvres
790 Fire resisting frames
L20: Doors/shutters/hatches
820 Sealant joints
P12: Fire-stopping systems
395 Sealant-One part fire resistance acrylic

FirePro High Expansion Intumescent Sealant

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

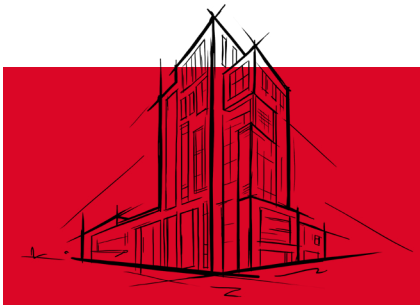
FirePro® High Strength Compound

High strength compound for reinstating the fire performance of floor and wall constructions

FirePro® High Strength Compound has been replaced by a newer product, FirePro® Compound. This datasheet remains available to support existing projects and specifications.

For new specifications, ROCKWOOL highly recommends the use of FirePro Compound.

For product information and guidance, visit: www.rockwool.com/uk/products/firepro-firestop-compound-uk/



As part of the comprehensive FirePro® range of fire protection products, FirePro High Strength Compound is used to provide a fire resisting seal around service penetrations in fire rated walls and floors.

Tested to EN 1366-3, FirePro High Strength Compound provides up to 4 hours* fire resistance.

**Subject to the application*

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro High Strength Compound

FirePro High Strength Compound is a specially formulated gypsum-based mortar, which is mixed with water to create a workable range from stiff to pourable mix. FirePro High Strength Compound is also suitable for pre-casting into convenient size blocks for use in wall openings.

- Unsupported spans of up to 1800mm
- High load bearing capacity
- Suitable for use with multiple service penetrations
- Can be formed into blocks
- Acoustic barrier
- Effective smoke seal
- Rapid setting

APPLICATIONS

- Re-instating the fire resistance of wall and floor constructions
- Load-bearing floors
- Wall penetrations
- Load-bearing seals around unsupported fire dampers

FirePro High Strength Compound

PERFORMANCE

Fire performance

FirePro High Strength Compound has been independently tested for use in walls and floors.

FirePro High Strength Compound 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-01149-CPR >

ETA 21/0777 >

Certificate of constancy of performance - 2531-CPR-CXO10261 >

Fire-stopping Standard Details Guide >

Plastic pipework must be protected with either ROCKWOOL FirePro® Pipe Collars or FirePro® Intumescent Pipe Wraps. For further advice on specific applications and fire performance, please contact ROCKWOOL Technical Solutions on 01656 868590 or **technical.solutions@rockwool.com**

Acoustic performance

Thickness of compound (mm)	R_w (C;C_{tr}) - Specimen only
50	49 (0;-4) dB
100	52 (0;-3) dB

For specific information on acoustic performance please contact ROCKWOOL Technical Solutions on 01656 868490 or **technical.solutions@rockwool.co.uk**

Load bearing capability

FirePro High Strength Compound in floor spans of up to 1800mm without the need for further reinforcement. For further information on the load bearing capacity of FirePro High Strength Compound, please contact ROCKWOOL Technical Solutions.

PRODUCT INFORMATION

Property	Description
Description	Grey coloured free flowing powder
Pack Size	20kg bag
Density	1750-1900kg/m³
Loadbearing	2.5KN/m² UDL
Fire Resistance	Up to 4 hours*
Acoustic Performance	Rw 57dB (100mm Depth)
Max Unsupported Span	1800mm
Thermal Conductivity	0.45W/mK
Setting Expansion (%)	0.1
Typical Yield	±6bags/m² at 100mm depth
Expected Shelf Life	6 months (When stored in accordance with the packaging instructions)

**Subject to the application*

FirePro High Strength Compound

STANDARDS AND APPROVALS

Certificate
FirePro High Strength Compound has been tested for resistance in accordance with BS 476 Part 20 and EN 1366-3.
FirePro High Strength Compound has been classified as EI 120 in accordance with EN 13501-2
Third party certification through UL, Certificate No. UL-EU-01149-CPR
CE marked to EAD 350454-00-1104

This product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with this datasheet - please refer to the LUL Approved Product Register website **www.LU-apr.co.uk** for specific details.

INSTALLATION

Mixing

FirePro High Strength Compound can be mixed preferably by mechanical paddle or manually, if required. Measure out the correct amount of clean water into a clean container to achieve the desired consistency. Avoid any cross-contamination with part-cured and new mixes as this can accelerate curing times.

FirePro High Strength Compound: water ratio
Pourable Mix ratio of 3 - 3Vz:1
Trowel Mix ratio of 4:1

Gradually add the FirePro High Strength Compound, stirring continually. Continue mixing until the compound is mixed to a smooth, even consistency. *Any spillage should be wiped up with a damp cloth before setting occurs. Mix only enough material sufficient for use within the recommended pot life (20-30 minutes). Pot life and set times will be reduced for lower water content and higher temperatures.

**FirePro High Strength Compound may stain pipes and services*

Installation should not be carried out when temperatures are above 35°C. Setting times are normally between 30 and 90 minutes.

> ***Warning:*** *Do not attempt to extend working time by remixing with additional water once the mortar has started to set,as this will interfere with the setting process. Always mix in clean buckets.*

Fit a shuttering board to the bottom of the opening. Shuttering materials must be able to support the wet weight of the compound under pouring conditions. Pour FirePro High Strength Compound to the required 100mm thickness.

General installation requirements

Ensure that the aperture and services in question are tested with FirePro High Strength Compound, and the site conditions are within the application specification.

All services and apertures need to be clean and clear of all dust and loose particles. The aperture temperature needs to be at 5°C or above at time of installation. Plastic pipework must be protected with either FirePro Pipe Collars or Intumescent Pipe Wraps.

Upon installation make sure that you install the FirePro High Strength Compound to the recommended ratio for the aperture you are installing, make sure that you fill the full depth in a single pour to create a solid structure. Apply a minimum depth of 100mm in a single pour to achieve loadbearing capabilities.

Once filled, smooth off the FirePro High Strength Compound to produce a professional finish.

FirePro High Strength Compound

Wall openings *(Figure 1)*

For small holes and gaps, trowel a stiff mix into the opening to the correct depth. For larger holes, use an appropriate non-combustible shuttering material to support the mix until it sets, or, if a fair faced finish is required to both sides, consider using a sandwich construction. Alternatively, the FirePro High Strength Compound may be pre-cast into convenient sized blocks, a stiff mix being used as a bedding mortar. All combustible services (Plastic Pipes etc.) should have a ROCKWOOL tested fire rated closure device/material fitted prior to the pouring of the FirePro High Strength Compound.

Floor openings *(Figure 2)*

When sealing holes in floor slabs, appropriate shuttering must be installed, cut to fit tightly around any services within the opening, to support the wet mix until it sets. Non-combustible shuttering materials, such as mineral fibre slab, can be left in place, but combustible materials must be removed, after the mix has set. For complex penetrations it may be preferable to initially form a thin seal around all services with a nominal 5mm layer of the FirePro High Strength Compound mix. Once this has set, the remaining depth of seal should be poured in one operation. All combustible services (Plastic Pipes etc.) should have a tested fire rated closure device/material fitted prior to the pouring of the FirePro High Strength Compound.

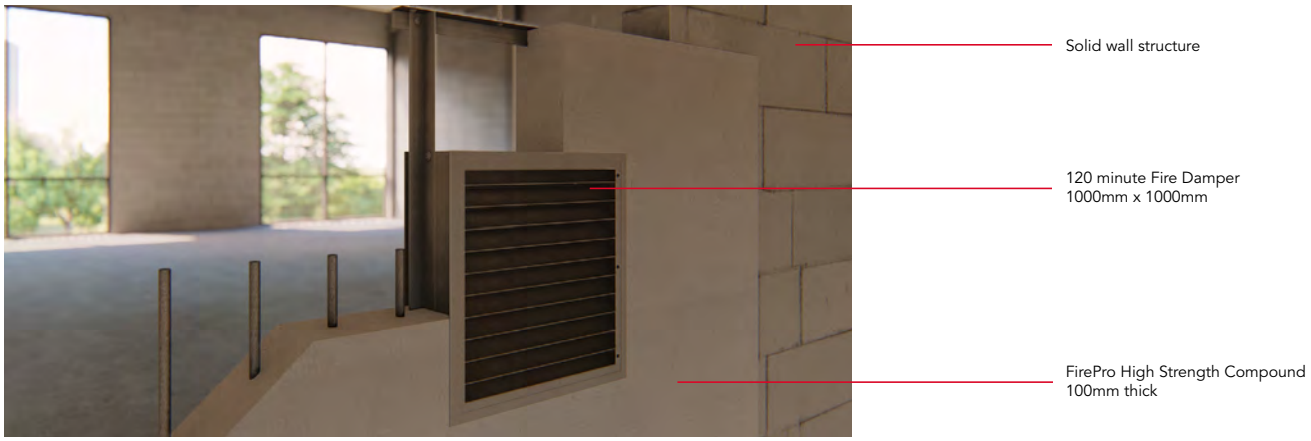


Figure 1

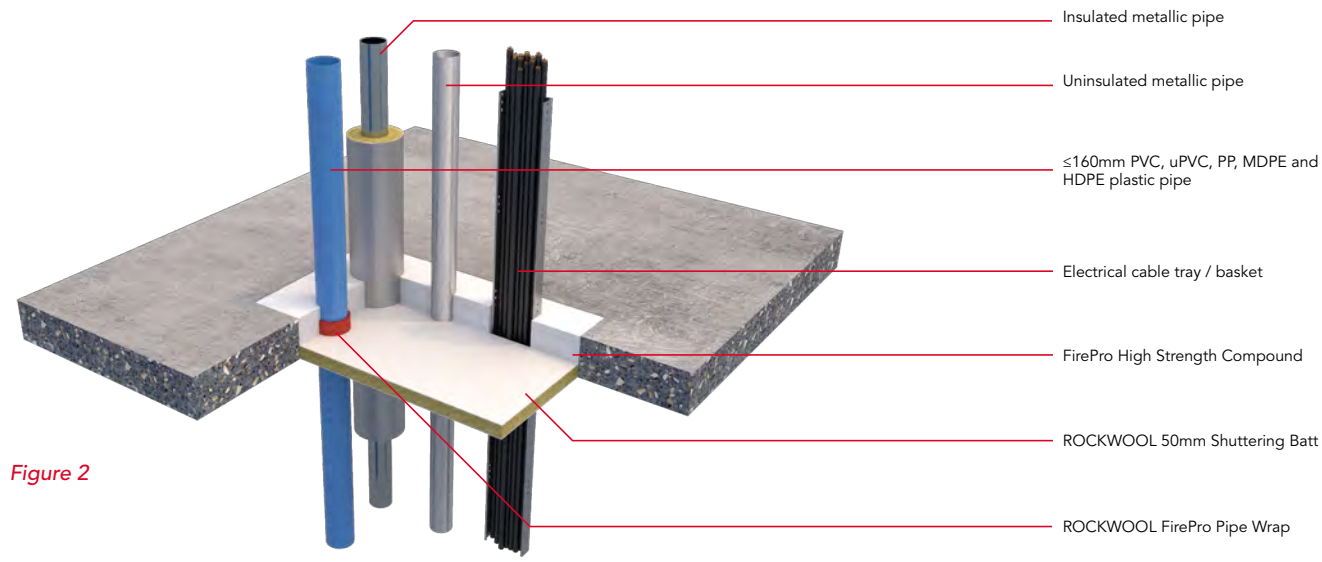


Figure 2

SPECIFICATION CLAUSES

FirePro High Strength Compound is associated with the following NBS clauses:

P12 Fire-stopping systems
340 Boards – Intumescent Mortar

FirePro High Strength Compound

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.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 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

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

Providing all the ROCKWOOL® thermal, noise and fire benefits with an added intumescent effect, Insulated Fire Sleeves deliver both fire stopping and thermal insulation in a single product, helping to overcome the challenges traditionally associated with insulating and fire stopping plastic and metal pipework and rectangular vent ducts, conduits and trunking.

Subject to the application

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/m³ density.
   M=Masonry between 600 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 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.

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

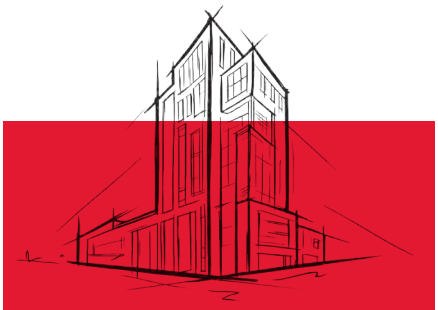
FirePro® Intumescent Pillows CE

Temporary firestop solution for service voids in walls

FirePro® Intumescent Pillows CE consist of intumescent material encased within a waterproof glass cloth bag. Intumescent Pillows CE are designed to create a temporary or permanent fire seal around all types of services to maintain continuity of fire performance of compartment walls. They are an ideal solution for applications where services are required to be changed or replaced on a regular basis.

Easy to install, they are simply packed tightly in between penetrating services and the wall.

- Easy to install
- Easy to remove and reinstate when changing services
- Dry system



ROCKWOOL Intumescent Pillows CE provide up to 2 hours* (EI 120) fire protection for differing services.

** Subject to the application*

They are designed to provide fire stopping to metal services, plastic conduits and cables passing through fire resisting compartment walls.

FirePro Intumescent Pillows CE

APPLICATIONS

Under fire conditions, Intumescent Pillows CE expand several times their original volume to form an effective seal around service penetrations.

Intumescent Pillows CE are suitable for use with:

- Metal pipework
- Plastic conduits
- Cable trays/ladders

Note: For applications inside metal cable trunkings please contact ROCKWOOL.

FirePro Intumescent Pillows CE

PERFORMANCE

Fire performance

ROCKWOOL Intumescent Pillows CE provide up to 2 hours* fire rating where services pass through fire-rated walls.
** Subject to the application*

Intumescent Pillows CE have been CE marked to EAD 350454-00-1104.

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

ETA - 20/1126

Certificate of constancy of performance - 2531-CPR-CXO10263

Fire stopping standard details pack

PRODUCT INFORMATION

Property	Description
Length	330mm
Width	50mm, 200mm
Thickness	20mm, 25mm, 45mm
Fire resistance	Up to 2 hours* integrity and insulation (EI 120)
Application	Internal
Shelf life	N/A if stored indoors in a cool, dry, ventilated area
Acoustic	Airborne Sound Insulation Rw (C,Ctr) = 33 (0,-2)
Air permeability	Tested to EN1026

** Subject to the application*

STANDARDS AND APPROVALS

Certificate
FirePro Intumescent Pillows CE have been tested in accordance with BS EN 1366 Part 3: March 2009 achieving fire resistance of up to 2 hours* (EI 120) in walls and dependent upon service type. ** Subject to the application*
CE marked to EAD 350454-00-1104.

CE

FirePro Intumescent Pillows CE

INSTALLATION

Installation in walls

1. Push the first Intumescent Pillow CE into the hole to be filled, so that the longest dimension (330mm long) spans across the wall with 75mm projection from either face.
2. Pack the hole tightly with additional Intumescent Pillows CE, staggering the joints, until it is tightly packed.
3. For wall penetrations, the pillows are normally self supporting, but for large openings with few penetrations, you may require a steel retaining mesh for support on both sides of the penetration.
4. Smaller pillows are used as appropriate to fill smaller gaps.

Installation of service penetrations

1. The total amount of cross sections of services should not exceed 60% of the penetration area.
2. The minimum permitted separation between adjacent seals/apertures is 200mm.
3. Pipes must be installed singular, cables require no minimum separation.
4. Services in walls shall be supported via steel angles/hangars/channels a maximum 250mm (BS EN 1366-3:2009) or a maximum 500mm (BS 476:Part 20:1987) from the face of the separating element.
5. Pipes must be perpendicular to the seal surface.

Plastic conduits or trunking should be cut short by at least 100mm either side of pillow seal.

Coverage

Estimating quantities:

Pillow size (mm)	Approximate number
330 x 200 x 45	113 per m^2 opening
330 x 200 x 25	180 per m^2 opening
330 x 50 x 20	As required to fill small voids

SPECIFICATION CLAUSES

FirePro Intumescent Pillows CE are associated with the following NBS clauses::

P12 Fire stopping systems
345 Intumescent pillows

FirePro Intumescent Pillows 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:

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

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

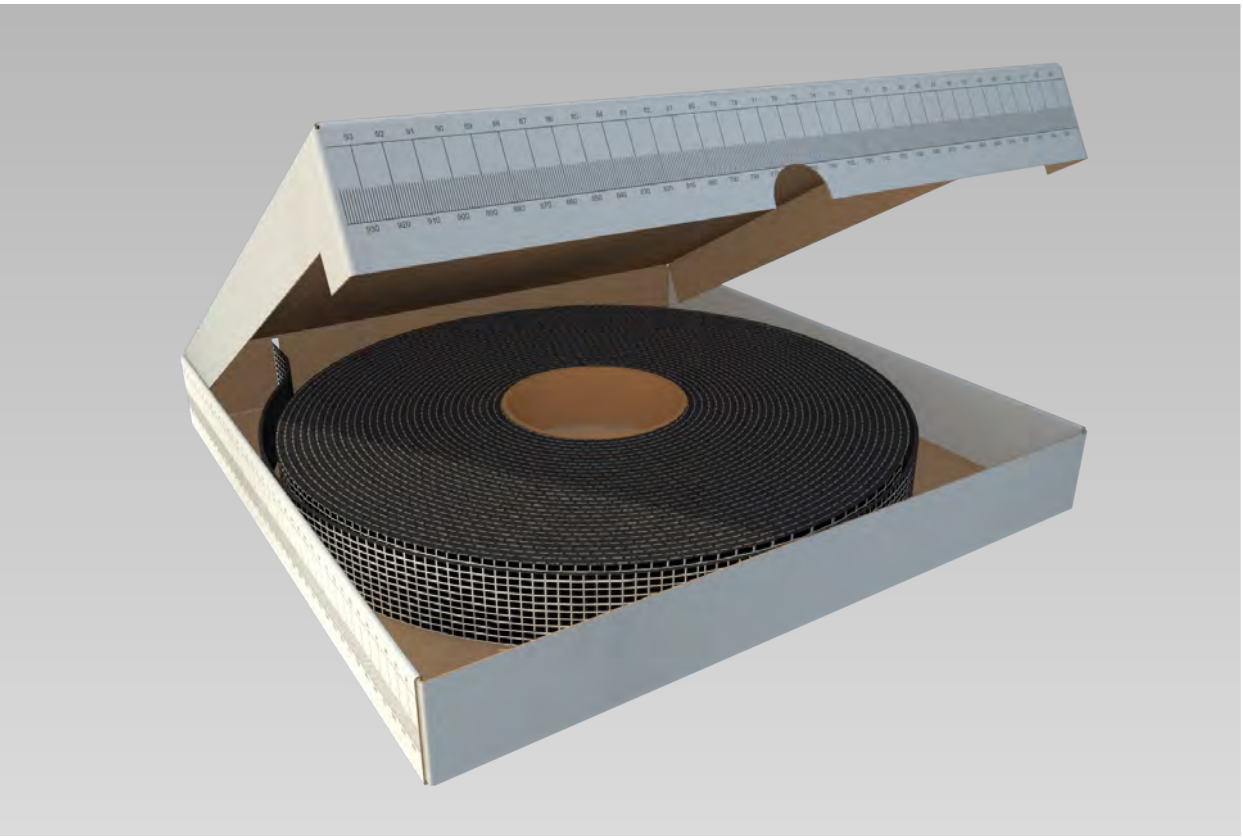
Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)



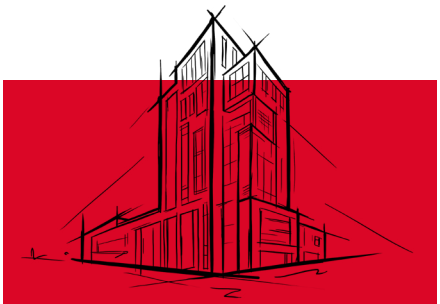
FirePro® Intumescent Pipe Wrap Roll

Fire protection for pipework through fire rated walls and floors

FirePro® Intumescent Pipe Wrap Roll has been replaced by a newer product, FirePro® PWRoll. This datasheet remains available to support existing projects and specifications.

For new specifications, ROCKWOOL highly recommends the use of FirePro PWRoll.

For product information and guidance, visit: www.rockwool.com/uk/products/firepro-pwroll/

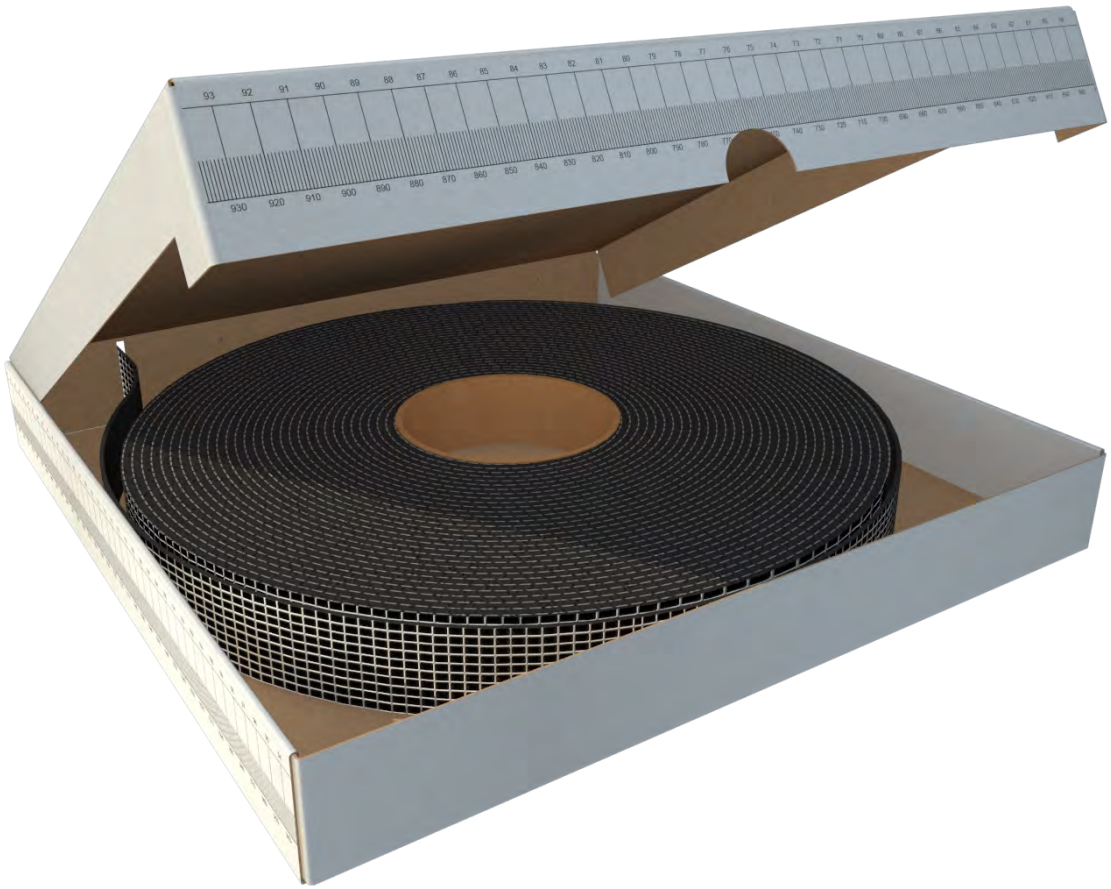


Supplied on a 25m roll which eliminates the need to carry a wide range of individually sized fire-stopping product solutions.

FirePro Intumescent Pipe Wrap Roll is suitable for fire-stopping a variety of combustible pipes and metallic pipes insulated with combustible insulation in both walls and floors.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Intumescent Pipe Wrap Roll



FirePro® Intumescent Pipe Wrap 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.

FirePro Intumescent Pipe Wrap 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
- Supplied as a 25m long roll in box dispenser
- Available to suit pipes up to 250mm O.D.

APPLICATIONS

Install FirePro Intumescent Pipe Wrap 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'.

FirePro Intumescent Pipe Wrap Roll

PERFORMANCE

Fire performance

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

FirePro Intumescent Pipe Wrap 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/cm³
Volume expansion at 450°C	Approximately 25 times
Shelf life	18 months if stored in a cool, well ventilated area
Expansion pressure (N/mm²)	Up to max. 1.30

STANDARDS AND APPROVALS

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

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Intumescent Pipe Wrap Roll

INSTALLATION

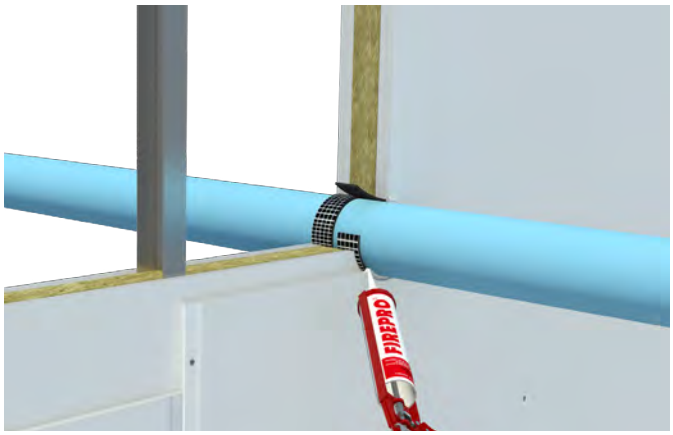
The product is intended to be wrapped around the outside diameter of combustible pipework or the outside diameter of insulation on pipework and is secured by means of the integral self-adhesive strip.

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 FirePro® FirePro Acoustic Intumescent Sealant over the wrap around the service. Up to a maximum 12mm annulus to be filled with minimum 5mm depth 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.



FirePro Intumescent Pipe Wrap Roll

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

TECHNICAL DATA SHEET

ENVIROGRAF®

TD064-WOOD FILLER-02-2025

Product Number: 64
Wood filler

DESCRIPTION:

This product is a water-based general purpose wood filler. It can withstand temperatures up to 1000°C

PHYSICAL DATA:

Type:	Water-based
Colour:	Natural
Viscosity:	Paste
Specific Gravity:	1.00 – 1.10

RECOMMENDATION FOR USE:

Application methods:	Putty Knife or paint scraper
Conditions during application:	Temperature of air & substrate must be above 5^{o}C
Drying time:	Variable depending on thickness and ambient conditions

DIRECTIONS FOR USE:

STIR WELL before use
It is advisable to wear gloves, although the wood filler is non-toxic, safe handling practices should still be implemented to avoid irritating sensitive skin.
If glue makes contact with eyes, flush thoroughly with water for at least 15 minutes. Seek medical attention. For skin wash with soap and water.
The surface must be clean, free from all loose materials, dust, dirt, oil, and any other contaminants.
Apply with a putty knife or paint scraper by pasting over the hole or crack.
For deep holes apply Wood filler in several layers, allowing each layer to dry between applications.
Larger applications may shrink and crack on drying. Re-apply wood filler.
Clean tools with water.

MISCELLANEOUS:

Size of containers: 250ml, 500ml and 1 litre
Remarks: Frost-free freight and storage.
Shelf Life: 12 months in unopened original packaging (Stored between 5-30^{o}C)

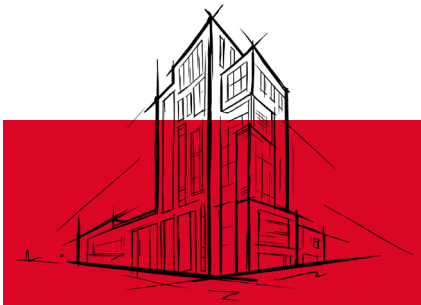
FirePro® Intumescent Pipe Wrap CE

Firestop solution for plastic pipe penetrations

FirePro® Intumescent Pipe Wrap CE has been replaced by a newer product, FirePro® PWRoll. This datasheet remains available to support existing projects and specifications.

For new specifications, ROCKWOOL highly recommends the use of FirePro PWRoll.

For product information and guidance, visit: www.rockwool.com/uk/products/firepro-pwroll/



ROCKWOOL FirePro Intumescent Pipe Wrap CE is tested to EN 1366-3:2009 and CE marked to provide assurance where specified.

It offers a simple and more economical alternative to FirePro® Pipe Collars CE, for fire-stopping plastic pipework penetrations through fire rated walls and floors.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Intumescent Pipe Wrap CE

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

FirePro Intumescent Pipe Wrap CE is tested to plastic services penetrating flexible and rigid wall constructions, rigid floors and in FirePro® Ablative Coated Batt seals.

FirePro Intumescent Pipe Wrap CE is 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 FirePro Ablative Coated Batt seals
- Dry system
- Water resistant

** Subject to the application*

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 Wrap CE

PERFORMANCE

Fire performance

FirePro Intumescent Pipe Wrap 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*

FirePro 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 Guide

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 Wrap 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 Wrap 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 FirePro 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 FirePro Intumescent Pipe Wrap CE can be sealed into the structure with FirePro® 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 FirePro® Insulated Fire Sleeve data sheet.

FirePro Intumescent Pipe Wrap CE is 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. It is 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.

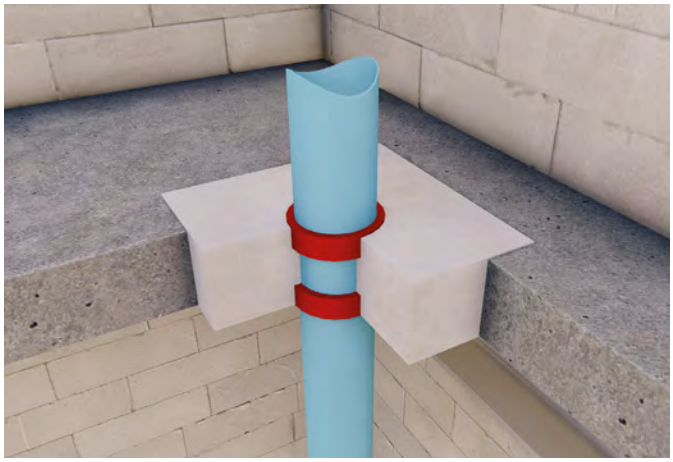


Figure 1
FirePro Intumescent Pipe Wrap CE sealed into compartment floor with FirePro FireStop Compound.

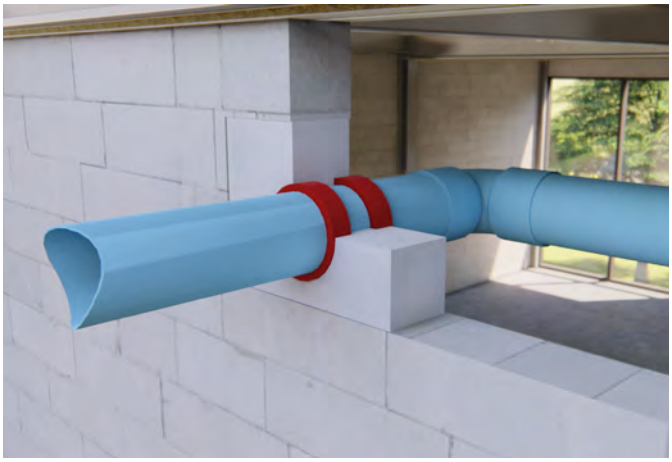


Figure 2
FirePro Intumescent Pipe Wrap CE sealed into a compartment wall with FirePro FireStop Compound.

FirePro Intumescent Pipe Wrap 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 FirePro Intumescent 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 FirePro Intumescent Pipe Wrap CE to the pipework, that it is installed 5mm proud of the substrate's surface.
6. For larger voids, the FirePro Intumescent Pipe Wrap CE can be sealed into the structure with FirePro 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 FirePro Intumescent 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

FirePro Intumescent Pipe Wrap CE is associated with the following NBS clauses:

P12 Fire-stopping systems
375 Pipe Collar - Insulated Wrap

FirePro Intumescent Pipe Wrap 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:

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

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

FirePro® Intumescent Putty Pads

Resists the spread of fire through plasterboard partitions

Intumescent Putty Pads are manufactured from a red non-setting, flexible silicone based intumescent polymer.

The intumescent properties activate as temperatures reach 200°C, resisting the passage of fire and smoke.

- Available for single & double sockets
- Up to 2 hours* fire resistance
- Reduces noise transfer
- Pre-cut for simple installation
- Maintenance free
- Tested for air tightness, providing an additional smoke and acoustic seal

**Subject to the application*

ROCKWOOL Intumescent Putty Pads have been developed for use in plasterboard partitions that have been partially penetrated by electrical socket boxes.

They maintain acoustic integrity and fire resistance.

For more information visit rockwool.com/uk

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Intumescent Putty Pads

APPLICATIONS

Intumescent Putty Pads are designed for (but not limited to) effecting a fire and acoustic seal around plastic or metal electrical socket boxes. Using the putty pads removes the need to install time-consuming baffle boxes.

Under fire conditions the intumescent pad expands to fill the void left by the burnt out electrical socket box, resisting the spread of fire through the plasterboard wall. The intumescent putty can also be used for upgrading the acoustic performance of partitions where electrical sockets boxes have penetrated the wall, reducing room-to-room noise transfer.

FirePro Intumescent Putty Pads

PERFORMANCE

Fire performance

Tested to BS 476 Part 20:1987/EN1366-3, Acoustic Intumescent Putty Pads offer up to 2 hour* fire resistance.
**Subject to the application*

Intumescent Putty Pads have been subjected to a European Technical Assessment on the basis of EAD 350454-00-1104.

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

ETA 21-0851 >

Certificate of constancy of performance 2531-CPR-CXO10350 >

Fire Stopping Standard Details Guide >

Acoustic performance

Measurement of airborne sound insulation was made in accordance with BS EN ISO 140-3:1995. Single number quantities were calculated in accordance with BS EN ISO 717-1:1997.

Intumescent Putty Pads (Internal socket) offer an airborne sound insulation rating of up to RW (C;Ctr) = 67 (-2; -7) dB*.
Tests were conducted by BRE Acoustics who hold UKAS accreditation for the measurement of sound insulation in the field and the laboratory. The measurements were conducted using the procedures accredited by UKAS.
**Applicable only for ROCKWOOL FirePro Putty Pads in socket boxes*

PRODUCT INFORMATION

Property	Description
Suitable socket size	Single & double gang
Suitable socket type	Internally & externally mounted
Activation temperature	200°C
Application temperature	0°C to 40°C
Acoustic performance	Up to 67 dB
Shelf life	Up to 24 months
Fire resistance	Up to 2 hours*

**Subject to the application*

FirePro Intumescent Putty Pads

INSTALLATION

1. Remove the socket plate.
2. To ensure a high-quality seal, ensure the socket box is clean, dry and free from any dirt and dust.
3. Remove the protective paper from one side of the pad and align the pad so that it fits centrally over the switchbox. (can be installed to either the inside or the outside of the socket, depending on the fitting method / type of socket).
4. Firmly press and mould the pre-formed putty pad into the back of the box and around the cables ensuring the pad perimeter is sufficiently bonded.
5. Remove the remaining protective paper and trim off any excess material to leave a neat finish.
6. Replace and secure the socket plate.

Figure 1

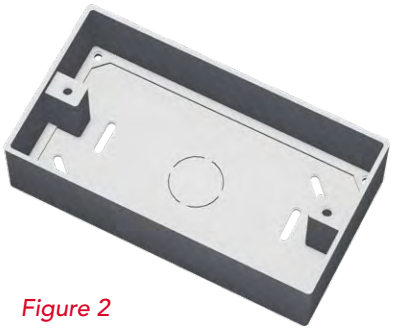


Figure 2

Figure 3

SPECIFICATION CLAUSES

FirePro Intumescent Putty Pads are associated with the following NBS Clause:

P12 Fire stopping systems
350 Intumescent Putty

FirePro Intumescent Putty Pads

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

FirePro® Linear & Trapezoidal Firestop System

Fire stopping solutions at compartment junctions

Linear and Trapezoidal FireStop products are made from dense, water repellent stone wool, allowing adequate compression yet retaining the necessary lateral stiffness for ease of installation.

The Linear and Trapezoidal FireStop System can be manufactured to suit a range of steel profile dimensions.

All FireStop products are supplied in standard lengths of 1m.

- *4 hours fire integrity
- Manufactured for a wide range of profiles
- Easy installation

Linear and Trapezoidal FireStop systems have been developed to provide up to *4 hours fire integrity at the junctions of compartment walls and floors

The systems have been tested in accordance with BS EN 1366-3: 2021 and BS EN 1366-4: 2021.

*Subject to the application

For more information visit rockwool.com/uk

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Linear & Trapezoidal FireStop System

APPLICATIONS

Linear and Trapezoidal FireStop Systems have been developed to provide up to *4 hours fire integrity at the junctions of compartment walls and floors. **Subject to the application*

Solutions illustrated are for masonry and include both fire integrity and insulation criteria for concrete decks and simple profiled sheeting.

Linear Firestop 2A

- Rectangular strips (installed under min. 5% compression)
- Thicknesses: 12.5, 20, 30, 40, 50, 60, 70, 80, 90, 100mm
- Widths: 100, 150, 200, 300, 400mm
- Fire resistance: Up to 4 hours

Trapezoidal Firestop 2B

- Trapezoidal strips (tight fit required)

Available for most profiled decks. Deck profile to be named at time of order, e.g. Ribdeck 60, Alphalok etc.

Dovetail Infill Firestop Strip

- Supplied as narrow rectangular strips for pinched installation into nominated dovetail shaped deck profiles; e.g. Holorib, Quickspan, Q51

Figure 1
Linear FireStop 2A

Figure 2
Linear FireStop 2A and 2B

Figure 3
Linear FireStop 2A and Dovetail Infill Strip

FirePro Linear & Trapezoidal FireStop System

PERFORMANCE

Fire performance

All fire ratings apply to gaps over walls constructed of aggregate blocks.

Fire resistance includes integrity and insulation criteria in accordance with BS EN 1366-4 and/or BS EN 1366-3.

Table 1: Top of wall seals

Substrate	Seal thickness (mm)	Integrity (minutes)	Insulation (minutes)	Test report reference
AAC - AAC*	100	240	180	547220 Spec A
AAC – AAC: 50% compression movement	100	240	120	548036A Spec A
AAC - Steel beam (above or below)	100	180	0	547426B Spec B&C
AAC – BeamClad (encased beam)	100	240	120	547427 Spec B
AAC – Metal roof deck (D159)	100	180	15	547427 Spec A
AAC – Metal roof deck (D159)	140	240	30	548100 Spec A & B
AAC – Metal roof deck (D159)	200 (2 x 100)	180	45	548851 Spec A & B
Steel beam – Metal roof deck (D159)	120	240	15	548036B Spec C & F

**AAC – AAC has been tested with Ancon IHR-V Head restraints fixed centrally within the seal. 25 mm void notched out of the ROCKWOOL Linear 2A Firestop to accommodate the restraint.*

Table 2: Wall penetrations

Substrate	Seal thickness (mm)	Integrity (minutes)	Insulation (minutes)	Test report reference
Cables Ø ≤ 21mm	100	120	45	547426 Spec A
Cables Ø ≤ 50mm	100	120	30	547426A Spec A2
Cables Ø ≤ 50mm – with FirePro AIS	100	180	45	547426A Spec A3/A4

Table 3: Floor seals

Substrate	Seal thickness (mm)	Integrity (minutes)	Insulation (minutes)	Test report reference
AAC – AAC: Centrally (50% compression)	100	240	180	547423 Spec A & D
AAC – AAC: Flush with soffit	100	240	15	547423 Spec B
AAC - Steel sub-facing	100	240	90	547423 Spec C
AAC - Steel hollow section (SHS)	100	120	0	547423 Spec E

PRODUCT INFORMATION

Property	Description
Length	1200mm
Width	Up to 400mm
Thickness	12.5 – 100mm
Deck Profiles	Various
Density	110 Kg/m^3
Fire Resistance	Up to *4 hours

**Subject to the application*

STANDARDS AND APPROVALS

Certificate
FirePro® Linear & Trapezoidal Firestops have been tested for fire resistance in accordance with BS EN 1366-3: 2021 and/or BS EN 1366-4: 2021.

FirePro Linear & Trapezoidal FireStop System

INSTALLATION

The following installation requirements must be met in order to reliably achieve the stated fire resistances.

- Linear FireStop 2A must be fitted as rectangular pieces, tightly butt jointed and compressed by at least 5% in thickness.
- Up to 2 layers may be used. Single layer firestopping will always be preferred, with multi-layer methods limited to those occasions where building tolerances demand practicality. All layers should be installed simultaneously. The height of void should not exceed 105mm.
- Gaps associated with perimeter floor slab/wall fire stopping should be achieved using ROCKWOOL SP FireStop Systems.

Handling/storage

Linear and Trapezoidal FireStop materials are light and easy to handle and should be cut using a sharp bladed knife. Store in dry conditions.

Maintenance

Once installed, Linear and Trapezoidal FireStop materials will need no maintenance unless disturbed.

Other information

For areas such as clean rooms, FireStop Systems are available totally enclosed in shrink wrap.

FirePro Linear & Trapezoidal FireStop System

Figure 4

Tested with a Tata D159 metal roof profile

Figure 5

Profiled metal deck with/without concrete over a universal beam

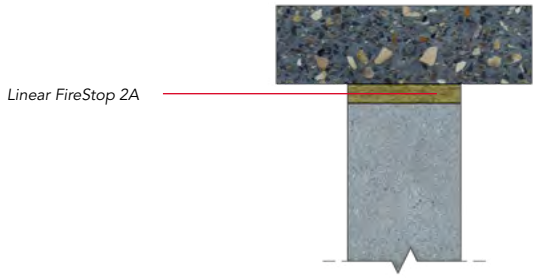


Figure 6

With/without profiled metal deck under a lightweight concrete slab

For further information on applications with composite floors, please contact technical.solutions@rockwool.com

FirePro Linear & Trapezoidal FireStop System

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

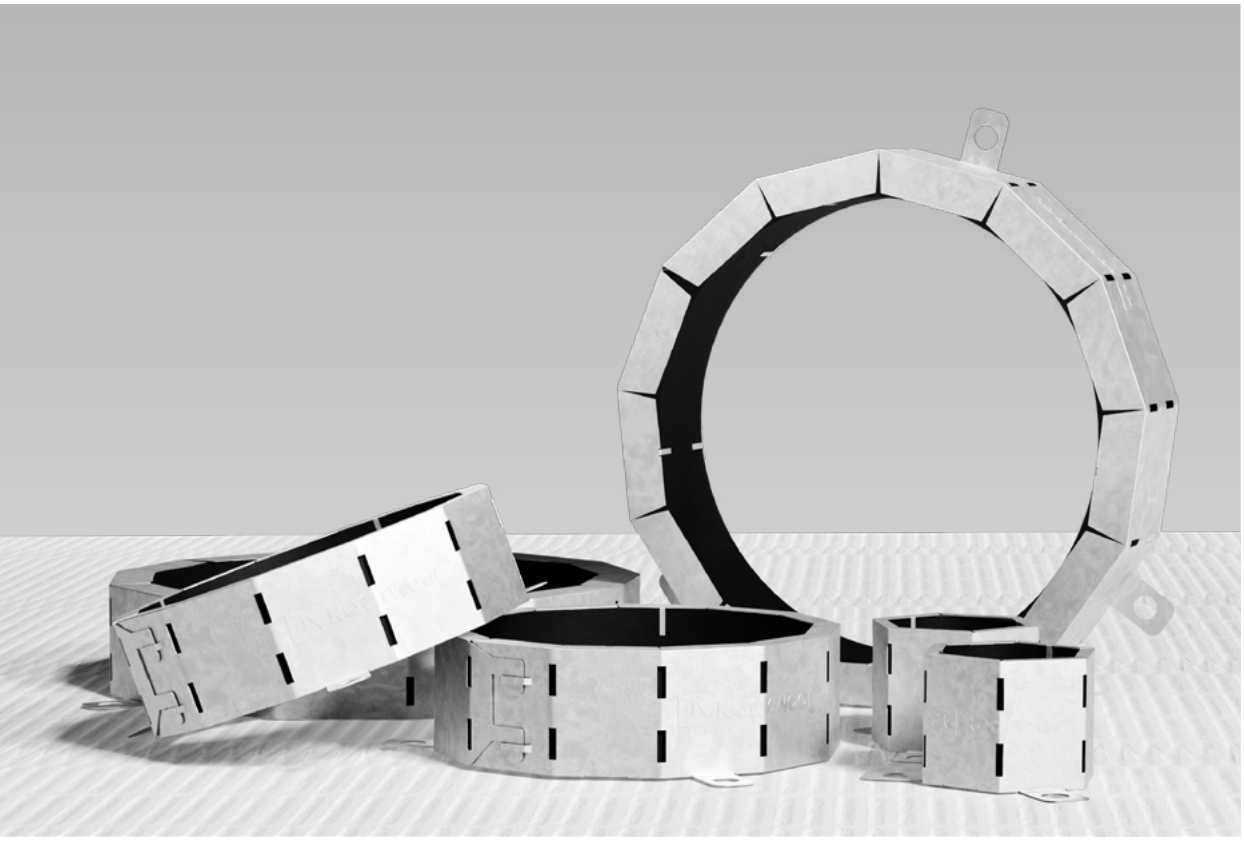
Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)



FirePro® Pipe Collar

Penetration sealing device for plastic pipework

FirePro Pipe Collar is a galvanised steel collar containing a graphite based intumescent liner designed and tested to seal service penetration apertures containing plastic pipework.

- Tested in accordance with BS EN 1366-3: 2021+A1:2024
- Classified in accordance with BS EN 13501-2: 2023
- Certificate No. UL-EU-01359-EN
- Suitable for flexible walls, rigid walls and floor constructions
- Tested with FirePro CB50/60 as a fire-stopping solution

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro® Pipe Collar

FirePro Pipe Collar is suitable for use on flexible walls, rigid walls and rigid floor constructions, and is tested as a penetration seal to reinstate the fire performance of the wall or floor construction.

Available in various sizes to suit standard pipe penetrations from 40mm to 160mm outside diameter plastic pipes.

FirePro Pipe Collars provides fire resistance of up to 4 hours in accordance with EN 1366-3: 2021+A1:2024, for fire-stopping where services penetrate floors, and up to 2 hours in flexible and rigid wall constructions, subject to the application.

APPLICATIONS

Tested to reinstate the fire performance of rigid and flexible walls (minimum 100mm) and rigid floors (minimum 150mm) where combustible plastic pipes penetrate.

FirePro Pipe Collars provides fire resistance of up to 4 hours in accordance with EN 1366-3: 2021+A1:2024, for fire-stopping where services penetrate floors, and up to 2 hours in flexible and rigid wall constructions, subject to the application.

Used to seal standard plastic pipe penetrations 40mm – 160mm diameter

Standard plastic pipes tested are PVC, PP, PE, HDPE, MLCP

'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-01359-EN. 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-01359-EN has not been reviewed or approved by UL.'

FirePro® Pipe Collar

PERFORMANCE

Fire performance

FirePro Pipe Collars provide fire resistance of up to 4 hours in accordance with EN 1366-3: 2021+A1:2024, for fire-stopping where services penetrate floors, and up to 2 hours in flexible and rigid wall constructions, subject to the application.

The performance of FirePro Pipe Collar will be limited to the performance of the substrate.

For further advice on sizes and suitable pipework types, please contact the Technical Solutions Team on 01656 868490

FirePro Pipe Collar has been certified by UL, Certificate no UL-EU-01359-EN.

PRODUCT INFORMATION

Property	Description
Application temperature	5°C to 40°C
Application	Internal or External (Conditioned to Type X: -20°C - +70°C)
Expansion ratio	22 to 35 times its original volume
Expansion pressure	0.55 to 1.32 $(N/mm)^2$
Plastic types	PVC, PP, PE, HDPE, MLCP
Colour	Galvanised steel
Expected shelf life	Store in dry conditions unopened

STANDARDS AND APPROVALS

Certificates
Tested in accordance with BS EN 1366-3: 2021+A1:2024
Classified in accordance with EN 13501-2: 2023
Third party certification through UL, Certificate No. UL-EU-01359-EN

FirePro® Pipe Collar

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

To apply, write to:
marketcom@rockwool.com

FirePro® Pipe Collar

Company:	ROCKWOOL Limited
Version:	Version 1.00 September 2025 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	25.09.25
Product Name:	FirePro® Pipe Collar
Replaces Version:	
Changes Made:	
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® PWRoll

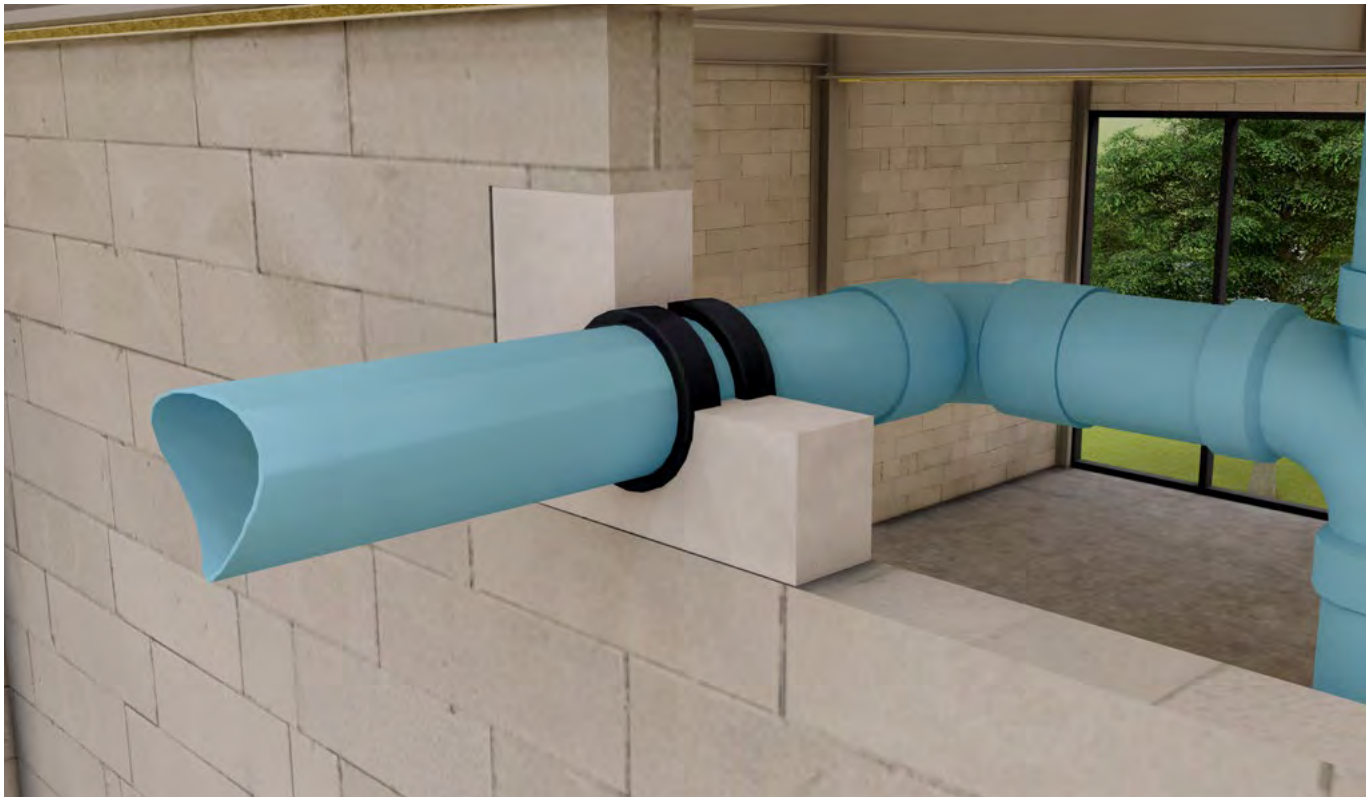
Fire protection for pipework through fire rated walls and floors

FirePro® PWRoll is an intumescent pipe wrap designed and tested to seal service penetration apertures containing plastic pipework and insulated pipes.

- Tested in accordance with BS EN 1366-3: 2021+A1:2024
- Classified in accordance with BS EN 13501-2: 2023
- Certificate No: UL-EU-01358-EN
- No mechanical fixings required for installation
- Available to suit pipes up to 250mm O.D.
- Supplied as a 25m roll

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro® PWRoll



FirePro PWRoll is an extruded graphite-based intumescent that provides a high volume expansion and pressure seal around services when exposed to fire.

Supplied as a 25m roll to reduce the need to carry a wide range of individually sized fire-stopping products. The product is 40mm wide and 2mm thick and is suitable for pipes up to 250mm O.D.

FirePro PWRoll provides fire resistance of up to 4 hours (EI 240) in accordance with EN 1366-3: 2021+A1:2024, for fire-stopping where services penetrate floors, and walls, subject to the application.

APPLICATIONS

FirePro PWRoll provides up to 4 hours (EI 240) in accordance with EN 1366-3: 2021+A1:2024 to tested plastic pipework and insulated pipes where they pass through fire rated walls and floors, subject to the application. Installation to be fully in accordance with manufacturer's instructions.

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-01358-EN. 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-01358-EN has not been reviewed or approved by UL.'

FirePro® PWRoll

PERFORMANCE

Fire performance

FirePro PWRoll provides fire resistance of up to 4 hours in accordance with EN 1366-3: 2021+A1:2024, for fire-stopping where services penetrate walls and floors, subject to the application.

FirePro PWRoll has been certified by UL, Certificate No: UL-EU-01358-EN.

PRODUCT INFORMATION

Property	Description
Thickness	2mm
Width	40mm
Length	25m
Density	Approximately 1.31g/cm^3
Volume expansion at 450°C	Approximately 22 to 25 times its original volume
Expansion pressure	0.55 to 1.32 (N/mm^2)

STANDARDS AND APPROVALS

Certificates
Tested in accordance with EN 1366-3: 2021+A1:2024
Classified in accordance with EN 13501-2: 2023
Third party certification through UL, Certificate No. UL-EU-01358-EN

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

To apply, write to:
marketcom@rockwool.com

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro® PWRoll

Company:	ROCKWOOL Limited
Version:	Version 1.00 September 2025 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	25.09.25
Product Name:	FirePro® PWRoll
Replaces Version:	
Changes Made:	
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.

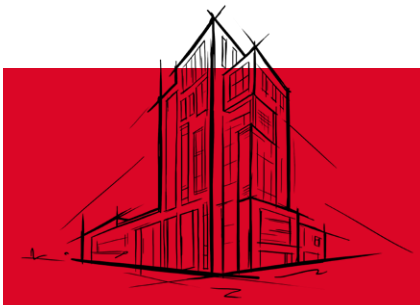
Please contact the ROCKWOOL Technical Support Team if you would like to access archived versions of this document.

FirePro® Silicone X

Fire resistant silicone sealant

Supplied in 310ml cartridges, FirePro Silicone X is a fire resistant silicone sealant designed for use as a linear joint seal within construction joints of walls and floors. Silicone X is white in colour, and once cured is a permanently flexible silicone rubber.

- Movement capability of ≤ 7.5%
- Suitable for internal and external use
- Can provide a cold smoke seal
- Tested with multiple substrates
- Cartridges contain 30% recycled plastic



FirePro Silicone X is a one-part neutral curing silicone.

It is designed for use as a linear joint seal within construction joints of walls and floors and where apertures are penetrated by services.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro Silicone X

APPLICATIONS

Silicone X is suitable for linear construction joints of up to 60mm and can be used to reinstate the fire resistance of rigid floors, rigid and flexible walls.

Silicone X is suitable for use within joints formed by multiple substrates which include:

- Masonry to masonry
- Masonry to steel
- Masonry to softwood
- Masonry to hardwood
- Masonry to plasterboard

FirePro Silicone X

PERFORMANCE

Fire performance

FirePro Silicone X has been tested in accordance with BS EN 1366-4:2006 and can achieve fire resistance ratings of up to 4 hours* (integrity). **Subject to the application*

Silicone X has been certified by UL and CE marked to EAD 350141-00-1106.

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

UL-EU Certificate - UL-EU-01246-CPR >

ETA 22/0156 >

Certificate of constancy of performance - 2531-CPR-CXO10362 >

Fire Stopping Standard Details Guide >

PRODUCT INFORMATION

Property	Description
Material	One-part neutral curing silicone
Weight	1.38g/cm³ (nominal)
Colour	White
Shelf Life	12months*
Skin time	~ 10 minutes (23°C/50% r.h)
Flow resistance	2mm
Curing rate	3mm / 1 day (23°C/50% r.h)

**Shelf life is subject to product being stored appropriately. For unopened material, store in a well venrtilated, dry, cool environment. Recommended temp ranges +5°C - +35°C. Protect against exposure to direct sunlight.*

STANDARDS AND APPROVALS

Certificate
FirePro Silicone X has been tested to BS EN 1366-4:2006
CE marked to EAD 350141-00-1106
Third party certification through UL, Certificate No. UL-EU-01246-CPR

FirePro Silicone X

INSTALLATION

1. The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles. The product does not require a primer on most common surfaces, although adhesion tests are recommended prior to full scale application.
2. Adequate space and accessibility should be provided for applying and tooling the sealant. A suitable backing material to control the sealant depth may be required, please refer to ETA 22/0156.
3. The joint depth should be such as to provide a minimum sealant depth required as per ETA 22/0156.
4. The sealant should be gunned firmly into the joint ensuring that it is in full contact with the sides of the joint. Failure to carry this out may result in poor adhesion of the sealant and ultimate failure of the joint.
5. Tooling of the sealant may be necessary to achieve an acceptable appearance. This is accomplished by drawing a flat tool over the surface of the sealant to produce a smooth neat finish. Tooling also compresses the sealant into the joint enhancing the adhesion to the joint sides.
6. Clean all tools and application equipment with water immediately after use.

Important:

- Not to be used where joints are to be constantly immersed in water.
- Do not use on substrates that are likely to release solvents, oils or plasticizers.

SPECIFICATION CLAUSES

ROCKWOOL FirePro Silicone X is associated with the following NBS clauses:

E40 Designed joints in in-situ concrete
530 Sealant
F30 Accessories/sundry items for brick/block stone walling
610 Movement joints with sealant
L10 Windows/Rooflights/Screens/Louvres
790 Fire resisting frames
L20 Doors/Shutters/Hatches
820 Sealant joints
P12 Fire stopping systems
395 Sealant: One part fire resisting acrylic

FirePro Silicone X

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

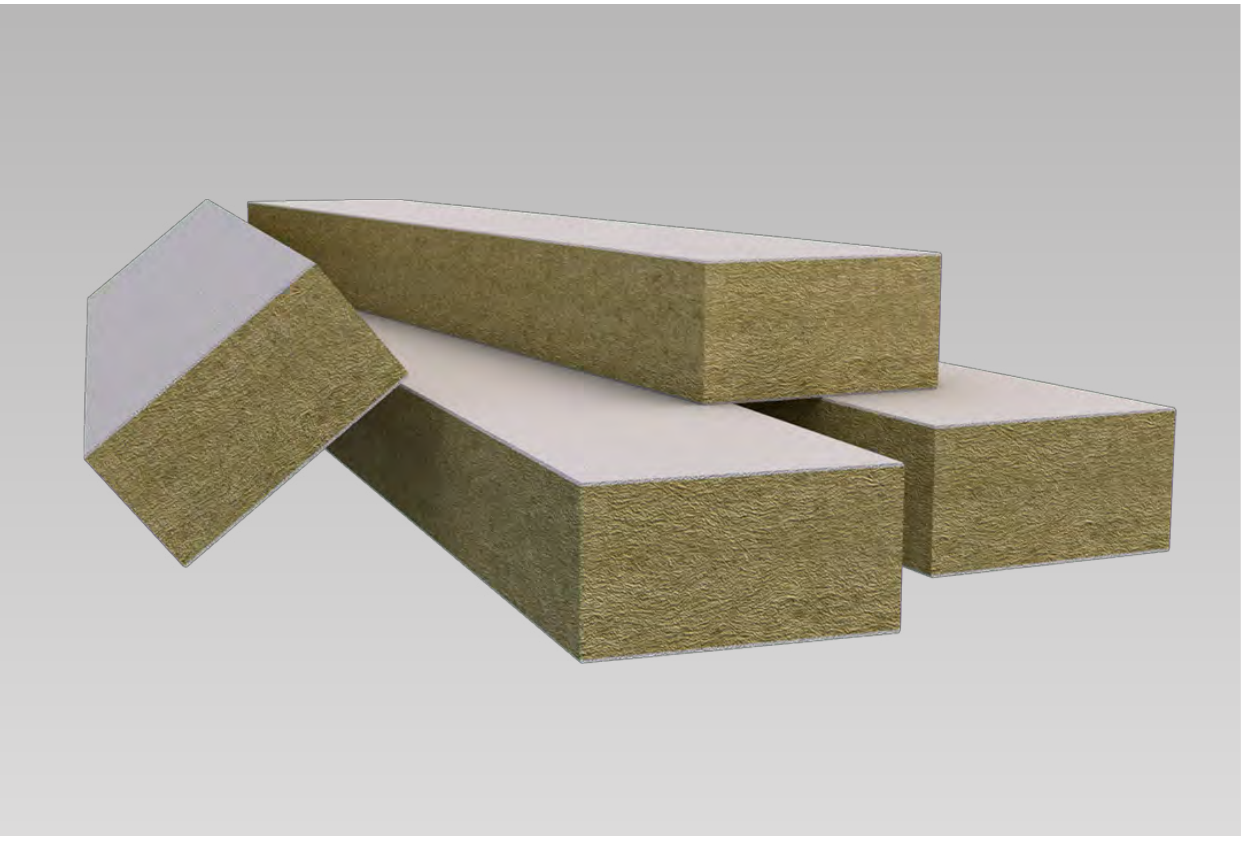
Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)



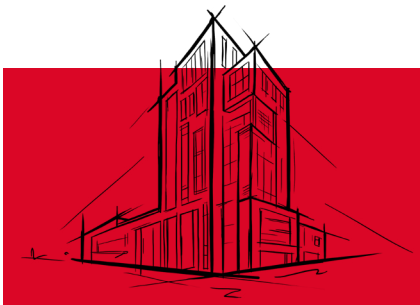
FirePro® SoftSeal System Penetration Seals

Flexible fire-stopping for joint applications

FirePro® SoftSeal System Penetration Seals have been replaced by a newer product, FirePro® Flex Seal Coated Strip. This datasheet remains available to support existing projects and specifications.

For new specifications, ROCKWOOL highly recommends the use of FirePro Flex Seal Coated Strip.

For product information and guidance, visit:
www.rockwool.com/uk/products/firepro-flex-seal-coated-strip/



The FirePro SoftSeal System has been developed in response to demand from the market for a fire-stopping solution where high levels of movement in the building's services or joints need to be accommodated.

The FirePro SoftSeal System is suitable for applications in linear joint seals.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro SoftSeal System Penetration Seals

Part of the ROCKWOOL FirePro® range, FirePro SoftSeal System incorporates a product specifically designed to accommodate movement within buildings in linear joint seals.

- Acoustically absorbent
- CE Marked
- Easy to handle and install
- Both vertical and horizontal joint applications
- Tested for durability to current EU guidelines
- Supplied pre-coated

APPLICATIONS

As part of the comprehensive FirePro® range of fire protection products, FirePro SoftSeal System incorporates a product specifically designed to apply to penetration seals within buildings, where the design needs to accommodate movement in the services.

The FirePro SoftSeal System can be installed into apertures within concrete floors, masonry walls, dry wall systems or composite panels*, or as a standalone seal for openings up to 1000mm x 1000mm or as part of a larger FirePro® Ablative Coated Batt seal (2 layers) to accommodate movement of services.**

A FirePro® SoftSeal Coated Strip comprises a low-density stone wool SoftSeal Lamella Strip, pre-coated with FirePro® SoftSeal Flexible Coating.

The FirePro SoftSeal Coated Strip is supplied in strips 1200mm x 200mm x 100mm.

The FirePro SoftSeal Flexible Coating is also available in 5L, 10L and 20L tubs to enable site repairs to FirePro SoftSeal Coated Strips and FirePro SoftSeal System Linear Joint Seals, that may have been damaged during installation.

To complement the FirePro SoftSeal Coated Strip, ROCKWOOL also supplies FirePro® High Expansion Intumescent Sealant (310ml) and FirePro Acoustic Intumescent Sealant (310ml).

FirePro SoftSeal Coated Strip is intended to reinstate the fire resistance, acoustic and air seal performances of concrete floors, masonry walls, dry wall systems and composite panels when voids have been created for the passage of services. This includes pipes made of steel, cast iron, copper, polypropylene (PP), high density polythene (HDPE), PVC and ABS along with all sheathed cables up to 80mm and supported cable bundles up to 100mm.

**For further information on the specific composite panels tested, please use the links under the heading Fire Performance, to assessments UL 4790145104 and UL 4790921776.*

***Higher levels of service movement may be accommodated by installing the product under higher compression rates, please contact ROCKWOOL Technical Solutions for guidance.*

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro SoftSeal System Penetration Seals

PERFORMANCE

Fire performance

ROCKWOOL FirePro SoftSeal System Penetration Seals has been tested to the dedicated fire resistance standard for penetration seals BS EN1366-3 and shown to provide up to 2 hours* fire performance (EI20). **Subject to the application*

FirePro SoftSeal System Penetration Seals has been CE marked to EAD 350454-00-1104.

Use the links below to access further information on fire performance

UL 4790145104

UL 4790921776

ETA 20-1124

Certificate of constancy of performance - 2531-CPR-CXO10260

Fire-stopping Standard Details Guide

Acoustic performance

- Tested to EN 10140 with the following results:
- Rw 30 dB: When installed with 100mm thick SoftSeal Batt
- Dn,e,w 40 dB: When installed with 100mm thick SoftSeal Batt

Water permeability

- Tested to EN 1027 - No leakage observed up to 300Pa.

Air permeability

- Tested to EN 1026 up to 600Pa.
- Leakage at 50Pa - 0.1/1.4 $m^3/m^2/h$.

PRODUCT INFORMATION

Property	Description
Length	1200mm
Width	200mm
Thickness	100mm
Fire resistance	Up to 2 hours*
Coating	2 sides
Density	80kg/m^3

**Subject to the application*

FirePro SoftSeal System Penetration Seals

STANDARDS AND APPROVALS

Certificate
FirePro SoftSeal System has been tested and assessed to BS EN1366-3 2009 and classified to EN 13501-2.
CE marked to EAD 350454-00-1104

CE

INSTALLATION

1. Measure the height of the aperture to be sealed.
2. Cut the FirePro SoftSeal System Penetration Seals 15% bigger than the height of the void to be filled, so when installed they are under compression.
3. Ensure substrate is clean and free of dust and debris.
4. Apply a bead of FirePro Acoustic Intumescent Sealant around the internal edges of the aperture.
5. Install the FirePro SoftSeal System Penetration Seals horizontally, so that the lamellas are running horizontally.
6. Apply a bead of FirePro Acoustic Intumescent Sealant to butt joints between different sections of FirePro SoftSeal System Coated Strip and around services.
7. FirePro High Expansion Intumescent Sealant shall be used around plastic pipes in accordance with ROCKWOOL standard details.
8. Apply FirePro SoftSeal Flexible Coating to the face of all joints between FirePro SoftSeal System Penetration Seals and substrate/FirePro Ablative Coated Batt.
9. Once installed, apply a second coat of SoftSeal Flexible Coating to the surfaces on both sides of the seal.

N.B. Ensure adequate space above and below services to accommodate the FirePro SoftSeal product, for the movement levels required. Please refer to assessments UL 4790145104 and UL 4790921776 for specific information on framed apertures within composite wall panels.

FirePro SoftSeal System Penetration Seals

SPECIFICATION CLAUSES

FirePro SoftSeal System is associated with the following NBS clauses:

P12 Fire-stopping systems
160 – Linear gap sealing

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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 **www.rockwool.com/uk** to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH)

FirePro® SpeedSeal

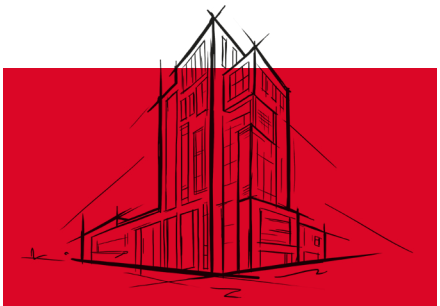
A fast sealing solution for small scale apertures

There are many instances in buildings where single or small bunched cables and conduits will need to be positioned through compartment walls. It is important that even the smallest penetrating service is effectively fire stopped to reinstate the fire performance of the wall.

FirePro SpeedSeal is a red putty-based penetration sealing solution available as a 100mm diameter disc. It has been tested in service openings of 50mm x 50mm to seal penetrating services such as small metallic pipes, plastic pipes, cables and cable bunches.

- Quick and easy to install
- Up to E120/EI60* fire resistance
- Ideal for refurbishment or new build

**E/I - Integrity/Insulation, performance is subject to the application*



Part of the comprehensive FirePro range, ROCKWOOL FirePro SpeedSeal is a putty-based penetration sealing solution.

Quick and easy to install, FirePro SpeedSeal is used to reinstate the fire resistance of flexible and rigid walls where cables and small conduits penetrate.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

FirePro SpeedSeal

APPLICATIONS

- Tested to reinstate the fire performance of rigid and flexible walls (minimum 100mm) where small cables and conduits penetrate.
- Fire resistance testing to EN 1366-3 and proven to perform for up to E120/EI60*.
- Used to seal penetrations through service openings up to 50mm x 50mm.
- Tested in conjunction with small/medium metallic pipes, plastic pipes, small/medium cables and cable bunches.
- Can be used as a blank seal.

**Subject to the application*

FirePro SpeedSeal

PERFORMANCE

Fire performance

FirePro SpeedSeal is specifically designed to be used around small cables, cable bunches, plastic and metallic conduits in flexible and rigid walls a minimum 100mm thickness. SpeedSeal has been proven by test to provide up to 120 minutes* fire resistance (E120) around services. **Subject to the application*

SpeedSeal has been certified by UL.

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

UL-EU Certificate - UL-EU-01206-CPR

Fire Stopping Standard Details Guide

PRODUCT INFORMATION

Property	Description	Test standard
Application Temperature	>5°C	-
Thickness	4mm	
Colour	Red	
Density	1.55-1.6 g/cm³	ISO 28111-1:2011
Fire resistance	Up to 2 hours	EN 1366-3:2009
Expected shelf life	12 months	Store in dry conditions unopened

STANDARDS AND APPROVALS

Certificate
FirePro SpeedSeal has been tested to BS EN 1366-3:2009
Third party certification through UL, Certificate No. UL-EU-01206-CPR

FirePro SpeedSeal

INSTALLATION

1. Walls shall be a minimum of 100mm thickness or greater.
2. Flexible drywalls/partitions shall comprise a minimum of 2 layers of 'Type F' Gypsum board on both faces, with minimum 50mm studs.
3. Solid block, masonry, aerated concrete and concrete shall have a minimum density of 450 kg/m³ and a minimum thickness of 100mm.
4. All walls shall have at least the same fire resistance as that required of the sealing system.
5. Services penetrating the division shall be suitably supported via steel angles, hangers or channels, no further than 400mm from the surface of the sealing system on both faces.
6. Ensure that the aperture size is within the scope of test data, maximum 50mm x 50mm for 100mm diameter SpeedSeal disc.
7. Check services to be treated are within scope of test data.
8. All services and apertures need to be thoroughly clean and clear of dust and loose particles.
9. Temperature to be 5°C or above.
10. To install, peel protective layer from back of disc and apply SpeedSeal around service, ensuring a close fit.
11. Install with joint facing in the downwards position where possible.
12. Press into place with slight compression to ensure a tight fit.

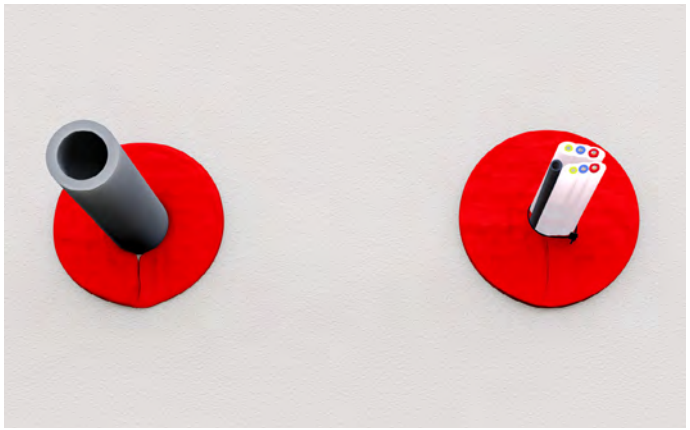


Figure 1
SpeedSeal for sealing around conduits and electrical cables

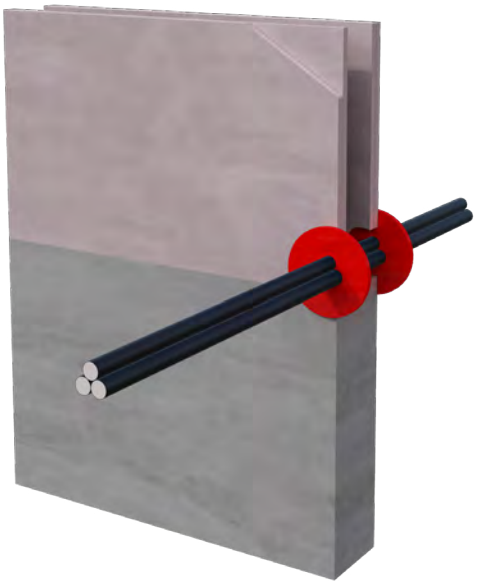


Figure 2
SpeedSeal for sealing around small cable bunches

SPECIFICATION CLAUSES

FirePro SpeedSeal is associated with the following NBS clause:

P12 Fire stopping systems
350 Intumescent Putty

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

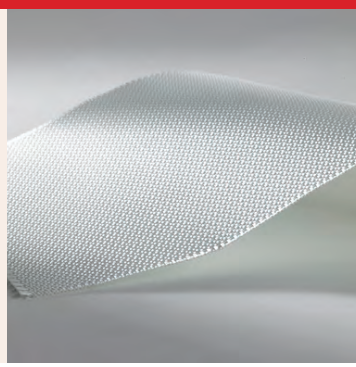
To apply, write to:
marketcom@rockwool.com

HEALTH & SAFETY

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

+44 (0) 1706 758817
technical@tbafirefly.com

Phoenix



DESCRIPTION

FIREFLY® Phoenix is a lightweight flexible fire rated smoke and flame barrier designed to provide compartmentation within a building, offering 120 minutes integrity only, when tested to BS476 Parts 20 & 22. FIREFLY™ Phoenix is designed to work as part of a fire protection system and does not provide insulation properties.

USE AREAS

Commonly used in larger roof voids within industrial, warehousing, food processing and data centres to create smoke and flame compartmentation barriers at 20 metre intervals.

CONSTRUCTION

FIREFLY® Phoenix is manufactured using woven glass fibre, specially treated with a proprietary coating to greatly increase fire resistance.

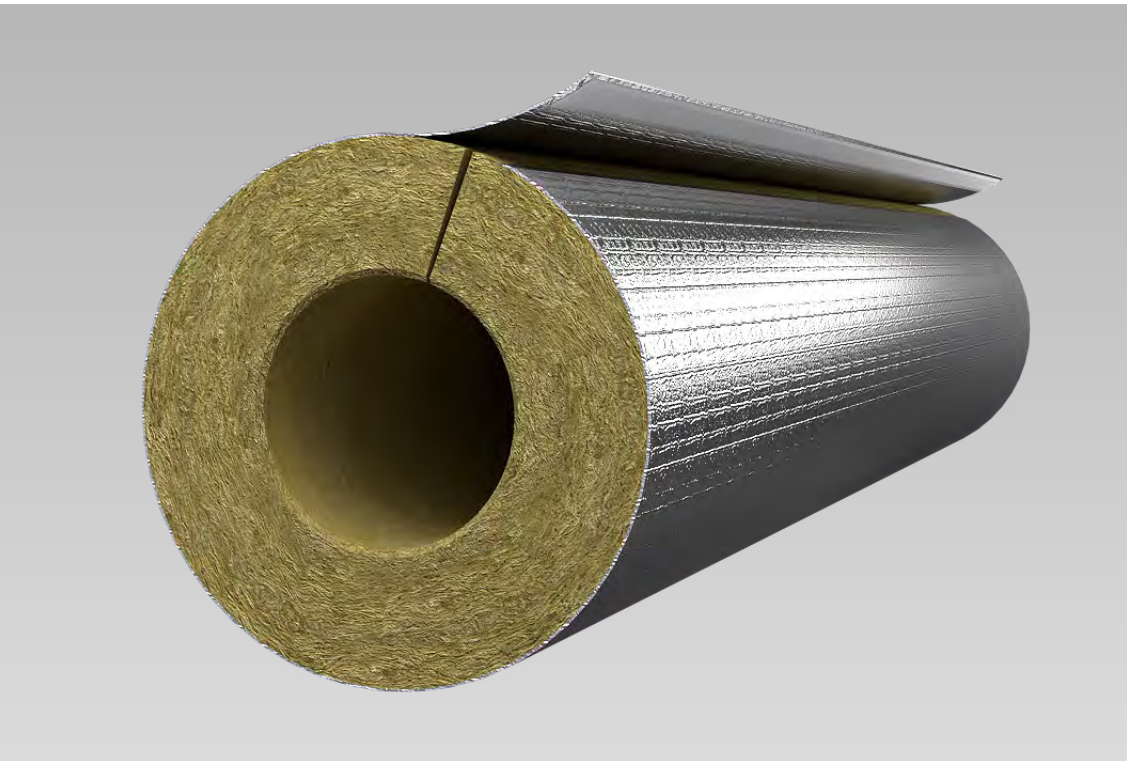
KEY BENEFITS

- **FIREFLY® Phoenix** provides 120 minutes Integrity as a barrier, restricting the passage of smoke and flame across large roof voids
- Tested to include penetrations and services while maintaining performance in-situ
- Lightweight, flexible, easy to handle and Installer-friendly smoke and flame barrier system
- Tested to BS476 and independently certified by IFCC/Kiwa
- **FIREFLY® Phoenix** is supported by a full range of **FIREFLY®** ancillary products (stainless steel staples, sealants, fixing, supports) to provide the ability to install a fully tested system

TITLE	**FIREFLY® Phoenix**
DESCRIPTION	Lightweight flexible smoke and flame barrier
CERTIFICATION	Third party certified by IFCC/Kiwa. Certificate number: IFCC 1418
APPLICATION	Vertical use only (see Phoenix Horizontal for alternative)
PROPERTIES	**Description:** Non-toxic, user-friendly, flexible, durable. Easy to manipulate and shape **Coating:** Chemical treatment to optimise fire-resistant properties and help prevent fibre migration **Min Thickness:** 0.34mm nominal
SPECIFICATION	Exceeds 120 minutes Integrity only when tested to BS 476 parts 20/22:1987. Not tested for Insulation
ASSESSMENT IFCC	Fields of Application covering extended drops, penetrations, ceiling systems, widths and installation requirements
FLAMMABILITY	BS 5438 /6249 - "A" rating (highest possible pass) Fabric is self-extinguishing when subject to this test
DIMENSIONS AND PACKAGING	**Width:** 130cm **Roll Length:** 10 or 25 linear metres **Roll Area:** 13 sqm or 32.5 sqm **Packed:** Rolled **Weight:** 440g/m²

+44 (0) 1706 758817
sales@tbafirefly.com
tbafirefly.com
technical@tbafirefly.com

TBA Protective Technologies Limited, Unit 3, Transpennine Trading Estate, Gorrells Way, Rochdale, OL11 2PX, UK



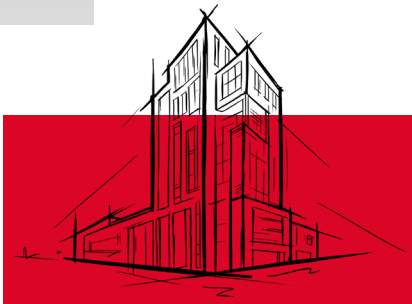
RockLap H&V Pipe Sections

Stone wool insulation for pipework

RockLap H&V Pipe Sections are cylindrical sections of stone wool insulation, manufactured pre-slit and with a foil facing complete with integral self-adhesive lap.

- Non-combustible, rated Euroclass $A2_L$-s1, d0
- Reinforced aluminium foil facing provides vapour-resistant barrier
- Self-adhesive foil lap enables efficient installation and reduces need for additional aluminium tape
- Tested to EN 1366-3 for the fire resistance of penetration seals offering up to EI 120*

**Subject to the application*

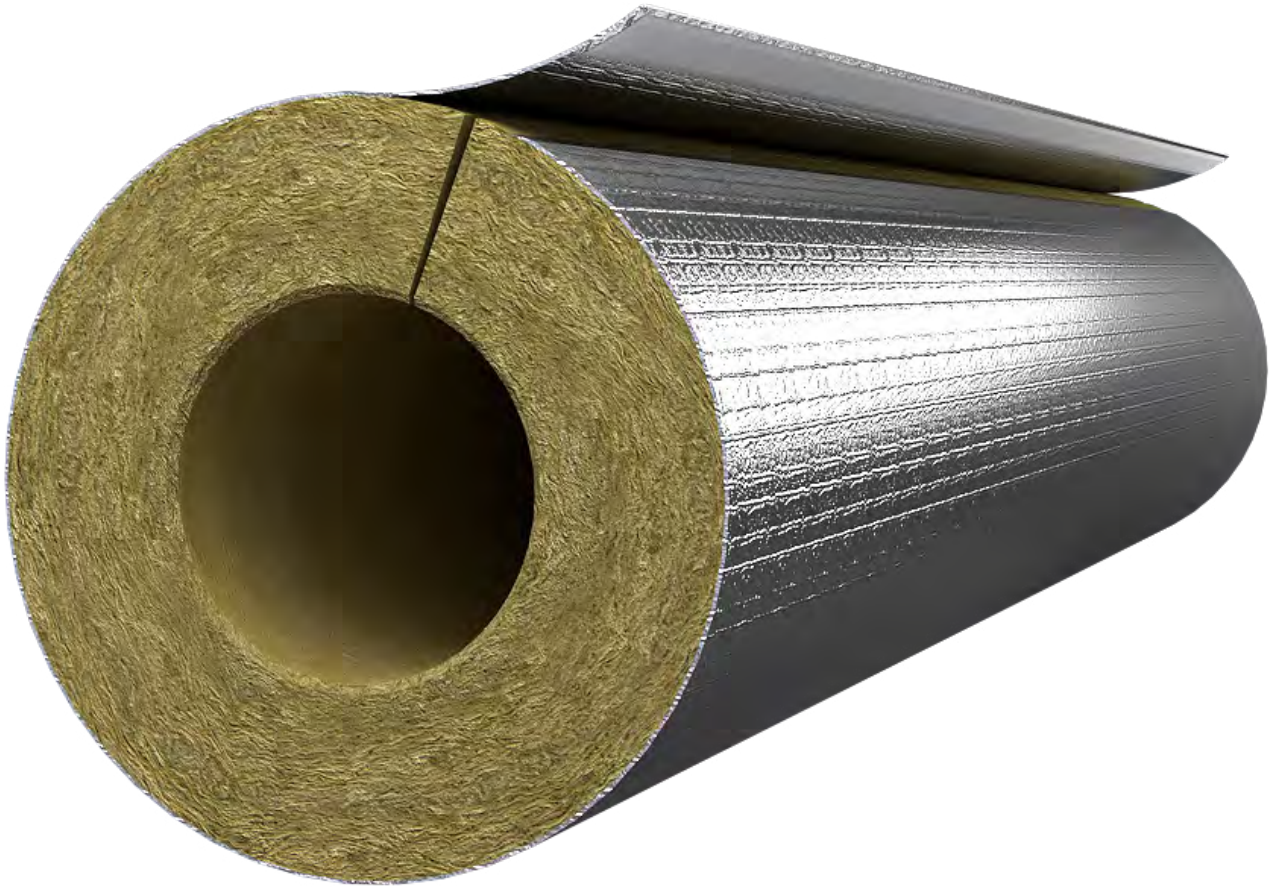


RockLap H&V Pipe Sections are designed for thermal and acoustic insulation of heating, ventilation and air-conditioning pipework operating in the temperature range 0°C to 250°C.

The sections are provided with a factory applied foil facing and self-adhesive lap which makes installation easier.

Pencoed, Bridgend CF35 6NY
Tel: (+44) 1656 862 621 • technical.solutions@rockwool.com

RockLap H&V Pipe Sections



APPLICATIONS

Suitable for use on pipework operating between 0°C and 250°C.

RockLap H&V Pipe Sections are tested to provide fire-stopping where steel and copper pipes penetrate fire-resistant walls and floors. The testing allows the product to run continuously through the separating element, saving time and labour costs which would otherwise be incurred should the pipe insulation have to be locally removed or replaced.

RockLap H&V Pipe Sections

PERFORMANCE

Thermal performance

Temperature (°C)	Curve 1 (W/mK)*	Curve 2 (W/mK)*
10	0.033	0.034
50	0.037	0.039
100	0.044	0.048
150	0.052	0.056

**The thermal conductivity curve used depends upon the size of the pipe section. For further information please refer to the DOP.*

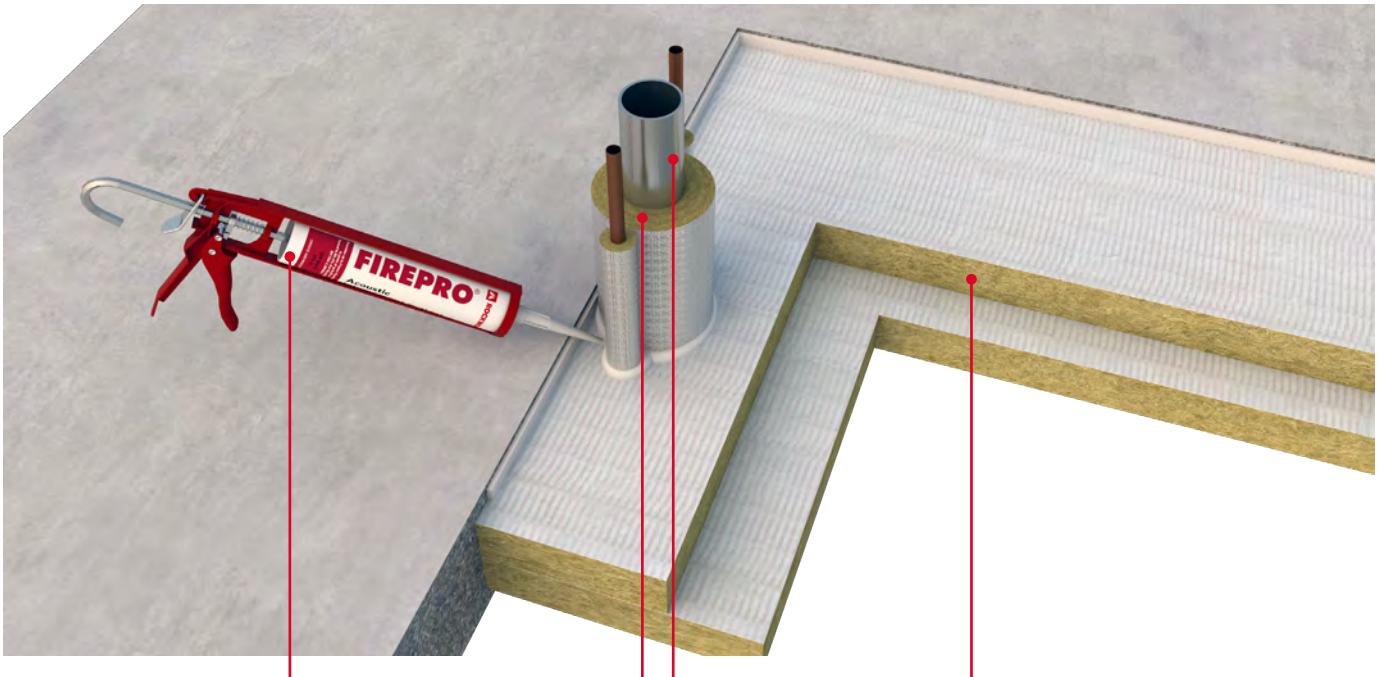
Fire performance

- Euroclass $A2_L$-s1,d0.
- Tested to EN 1366-3, the harmonised European standard for the fire resistance of penetration seals.
- Provide up to 120 minutes** fire resistance integrity and insulation.

For more information regarding the performance of RockLap H&V Pipe Sections when used within a fire resisting penetration seal, please follow the link below.

Fire-stopping Standard Details Guide >

***Subject to the application*



RockLap H&V Pipe Sections

PRODUCT INFORMATION

Water resistance

RockLap H&V Pipe Sections are water repellent. However, when used or stored in the open, the insulation should be protected with a waterproof covering. When used to insulate cold pipes, the joints should be sealed with foil tape to prevent condensation.

Service temperature

RockLap H&V Pipe Sections are used to insulate pipes operating at temperatures in the range 0°C to 250°C. In order to maintain foil facing bond strength, the thickness of insulation should result in an outer surface temperature no greater than 80°C.

Durability

Tests of our stone wool recovered from old buildings have shown that it retains its performance characteristics – thermal, mechanical, fire resistance – for at least 50 years, and probably longer. A test of a 65-year-old stone wool sample found in 2023 during a renovation of Copenhagen airport showed that these characteristics had not diminished after 65 years.*

Biological

ROCKWOOL stone wool is a naturally inert and rot-proof material that does not encourage or support the growth of fungi, moulds or bacteria, or offer sustenance to insects or vermin.

STANDARDS AND APPROVALS

Certificate
RockLap H&V Pipe Sections are CE marked in accordance with BS EN 14303. For more information please visit **www.rockwool.co.uk/DOP**
RockLap H&V Pipe Sections conform to BS 3958–4, 'Bonded preformed stone wool pipe sections' and can be used to satisfy BS 5422: 'Method for specifying thermal insulating materials...'.
The product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with this data sheet – please refer to the LUL Approved Product Register website **www.LU-apr.co.uk** for specific details.

CE

**Testing done at Danish Technical Institute (DTI) in 2023, "Testing ROCKWOOL insulation from CPH airport hangar 4"*

RockLap H&V Pipe Sections

INSTALLATION

RockLap H&V Pipe Sections are supplied with an integral self-adhesive overlap. Place the section around the pipe and seal accordingly (Figure 1).

All joints between RockLap H&V Pipe Sections must be sealed with aluminum foil tape (Figure 2).

Handling

RockLap H&V Pipe Sections are easy to cut to any shape with a sharp knife. When stored outside, avoid contact with the ground and cover with a securely anchored waterproof sheet.

Maintenance

Once installed, RockLap H&V Pipe Sections shouldn't require any maintenance.

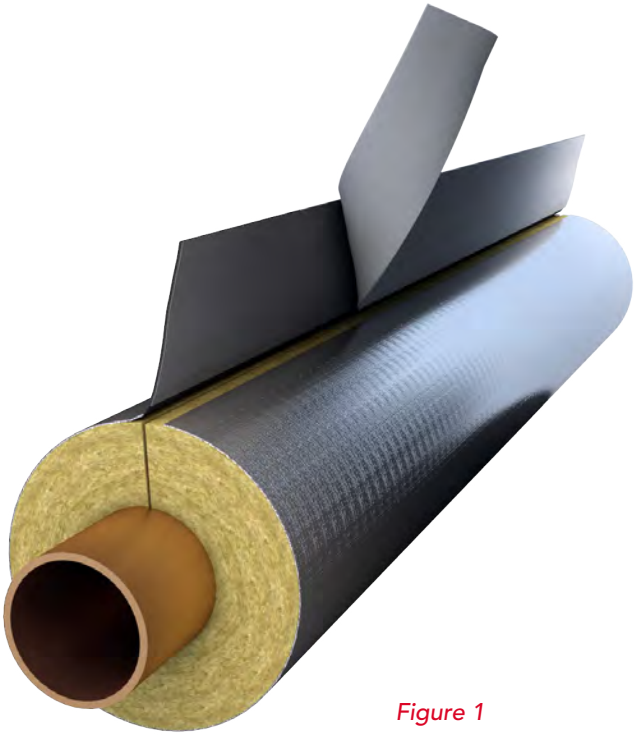


Figure 1

Figure 2

SPECIFICATION CLAUSES

Pipes to be insulated with ..... *mm thick ROCKWOOL RockLap H&V Pipe Sections, having a nominal density not less than 100kg/m³, with a factory applied facing which is a laminate of close mesh reinforcement between two layers of foil including integral lap for fixing. The whole to comply with BS 5422:2023 and BS 5970 water vapour permeance and Building Regulation requirements in relation to thermal and fire. Fixing to be in accordance with manufacturer's instructions, by peeling protective tape from self-adhesive lap and pressing lap smoothly over joint. Where adjacent Sections abut, approved 75 mm wide aluminium tape to be used to maintain integrity of the vapour barrier.

For external applications please see HVAC Specification Detail Guide for external finishes.

**insert required thickness*

RockLap H&V Pipe Sections

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®

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

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

To apply, write to:
marketcom@rockwool.com

TECHNICAL DATA SHEET

ENVIROGRAF®

TD064-WOOD FILLER-02-2025

DESCRIPTION:

PHYSICAL DATA:

RECOMMENDATION FOR USE

DIRECTIONS FOR USE:

MISCELLANEOUS:

TECHNICAL SPECIFICATION SHEET

ZSS09

ZOO ARCHITECTURAL HARDWARE

ZSS09-PCB

ZSS09SS

ZSS09PS

ZSS09-PCW

ZSS09-PVDBZ

ZSS09-PVDSB

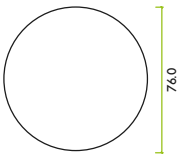
SPECIFICATION

- 76mm diameter
- 304 grade material
- Supplied with 2 wood screws
- Fire tested suitable for 30 & 60 min timber doors
- 10 year mechanical guarantee

SUITABILITY

STANDARDS

TECHNICAL



CODE	DESCRIPTION	FINISH
ZSS09SS	Fire Door Keep Shut sign - 76mm diameter	Satin Stainless
ZSS09PS	Fire Door Keep Shut sign - 76mm diameter	Polished Chrome
ZSS09-PCB	Fire Door Keep Shut sign - 76mm diameter	Powder Coated Black
ZSS09-PCW	Fire Door Keep Shut sign - 76mm diameter	Powder Coated White
ZSS09-PVDBZ	Fire Door Keep Shut sign - 76mm diameter	PVD Bronze
ZSS09-PVDSB	Fire Door Keep Shut sign - 76mm diameter	PVD Satin Brass

ZOO ARCHITECTURAL HARDWARE

For more information please contact us today:
ERA Home Security T/A Zoo Hardware,
Unit B, Dukes Drive, Kingmoor Park North,
Carlisle, Cumbria CA6 4SH

Call: 01228 672900
Fax: 01228 672928
Email: sales@zoo-hardware.co.uk
Web: www.zoohardware.co.uk

bsi ISO 9001 Quality Management Systems CERTIFIED FM 668401
ISO 14001 Environmental Management CERTIFIED EMS 668402

TECHNICAL SPECIFICATION SHEET

ZSS10

ZOO ARCHITECTURAL HARDWARE

ZSS10-PCB

ZSS10SS

ZSS10PS

ZSS10-PCW

ZSS10-PVDBZ

ZSS10-PVDSB

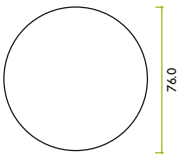
SPECIFICATION

- 76mm diameter
- 304 grade material
- Supplied with 2 wood screws
- Fire tested suitable for 30 & 60 min timber doors
- 10 year mechanical guarantee

SUITABILITY

STANDARDS

TECHNICAL



CODE	DESCRIPTION	FINISH
ZSS10SS	Fire Door Keep Locked sign - 76mm diameter	Satin Stainless
ZSS10PS	Fire Door Keep Locked sign - 76mm diameter	Polished Chrome
ZSS10-PCB	Fire Door Keep Locked sign - 76mm diameter	Powder Coated Black
ZSS10-PCW	Fire Door Keep Locked sign - 76mm diameter	Powder Coated White
ZSS10-PVDBZ	Fire Door Keep Locked sign - 76mm diameter	PVD Bronze
ZSS10-PVDSB	Fire Door Keep Locked sign - 76mm diameter	PVD Satin Brass

ZOO ARCHITECTURAL HARDWARE

For more information please contact us today:
ERA Home Security T/A Zoo Hardware,
Unit B, Dukes Drive, Kingmoor Park North,
Carlisle, Cumbria CA6 4SH

Call: 01228 672900
Fax: 01228 672928
Email: sales@zoo-hardware.co.uk
Web: www.zoohardware.co.uk

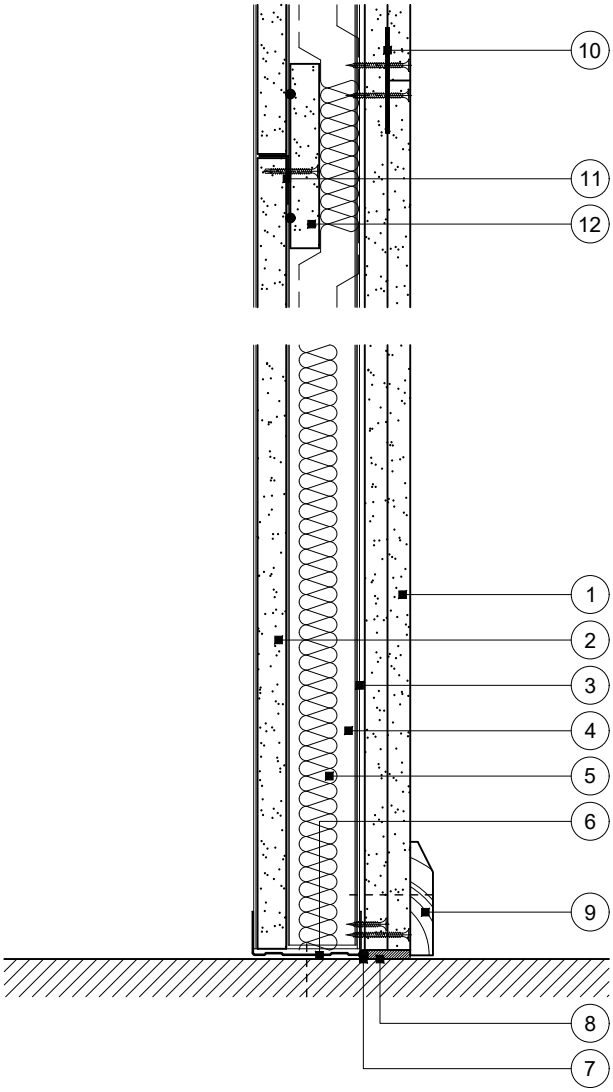
bsi ISO 9001 Quality Management Systems CERTIFIED FM 668401
ISO 14001 Environmental Management CERTIFIED EMS 668402

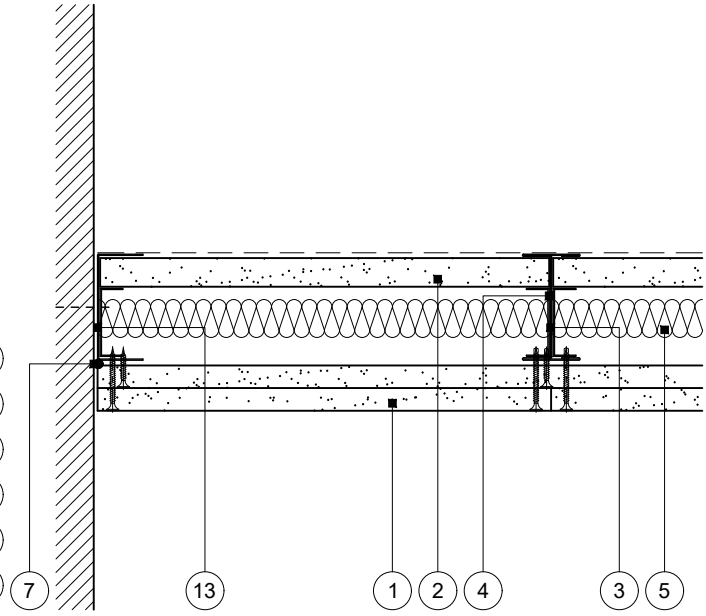
Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

GypWall Shaft

1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
4 Gypframe Retaining Channel
5 Isover insulation where required
6 Gypframe Channel suitably fixed to floor at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels). Gypframe Deep Channel used for heights between 4200mm and 8000mm
7 Gyproc Sealant for optimum sound insulation
8 Gyproc jointing material bulk fill where gap exceeds 5mm
9 Indicative skirting
10 Gypframe GFS1 Fixing Strap progressively inserted between board layers to support outer layer horizontal board joints
11 Gypframe GA3 Steel Angle at horizontal joint and secured by retaining channel at each end
12 122mm high strip of 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase bedded on two beads of Gyproc Sealant and fixed to angle with three suitable British Gypsum screws
13 Gypframe Starter Channel (Tabbed Starter Channel for 146mm) suitably fixed to wall at 600mm centres (in two lines staggered by 300mm for 92mm and 146mm starter channels)





Base and horizontal board joint

Wall abutment

Title:	GypWall Shaft	**Scale at A4:**	1:5	**Drawn:**	MRC
	'I' studs and two layers board	**Date:**	October 2021	**Approved:**	DRM
	Standard details read with project specification	**Dwg No.:**	ST-129-Z2L2-01	**Revision:**	

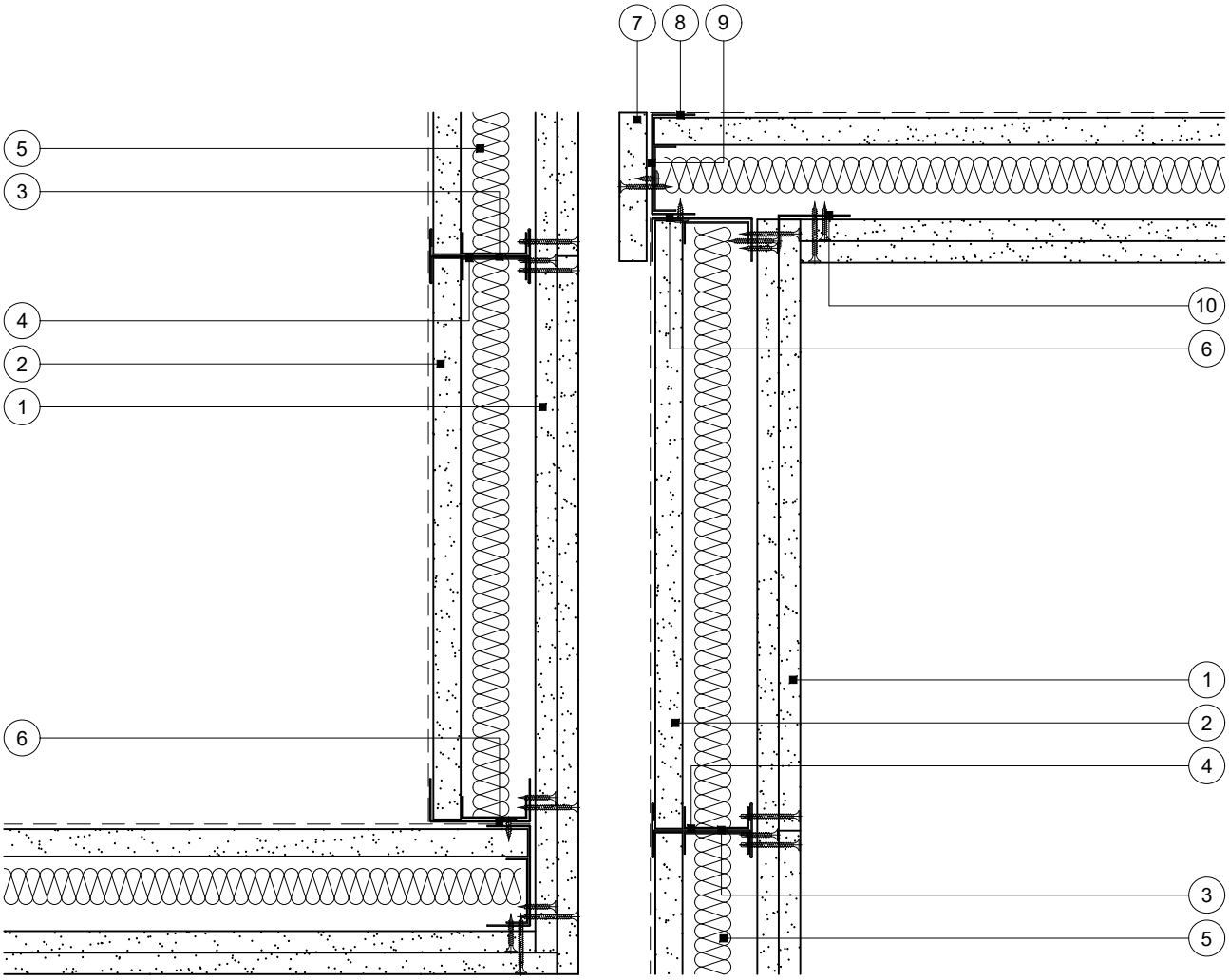
Technical Support Team | british-gypsum.com

Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

GypWall Shaft

1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
4 Gypframe Retaining Channel
5 Isover insulation where required
6 Gypframe Starter Channels (Tabbed Starter Channel for 146mm) fixed together with suitable British Gypsum wafer head screws at 600mm centres
7 92/102/124/178mm width (for 60/70/92/146mm studs) strip of 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase (full height minus deflection amount) pre-fixed to starter channel with suitable British Gypsum screws at 600mm centres
8 Starter channel crimped to floor channel to facilitate construction (ensure crimp folds outwards)
9 Nominal 590mm (290mm for 92mm stud) lengths of Gypframe Retaining Channel inserted between screws and fixed to starter channel with two suitable British Gypsum wafer head screws. Retaining channel continuous for 146mm stud
10 Gypframe GA4 Steel Angle fixed to starter channel with suitable British Gypsum screws at 600mm centres



External corner

Internal corner

Title:	GypWall Shaft 'I' studs and two layers board Standard details read with project specification	**Scale at A4:**	1:5	**Drawn:**	MRC
		Date:	October 2021	**Approved:**	DRM
		Dwg No.:	ST-129-Z2L2-02	**Revision:**	

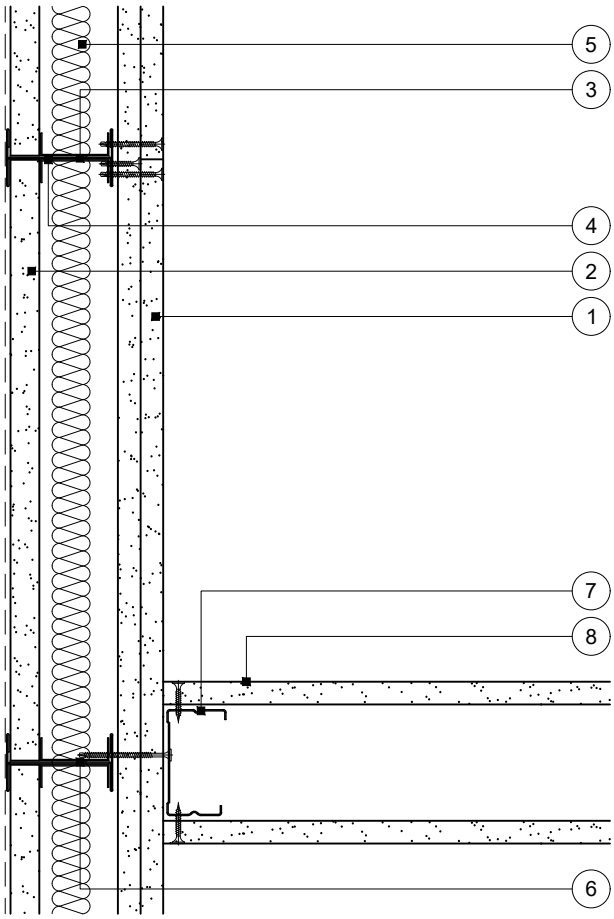
Technical Support Team | british-gypsum.com

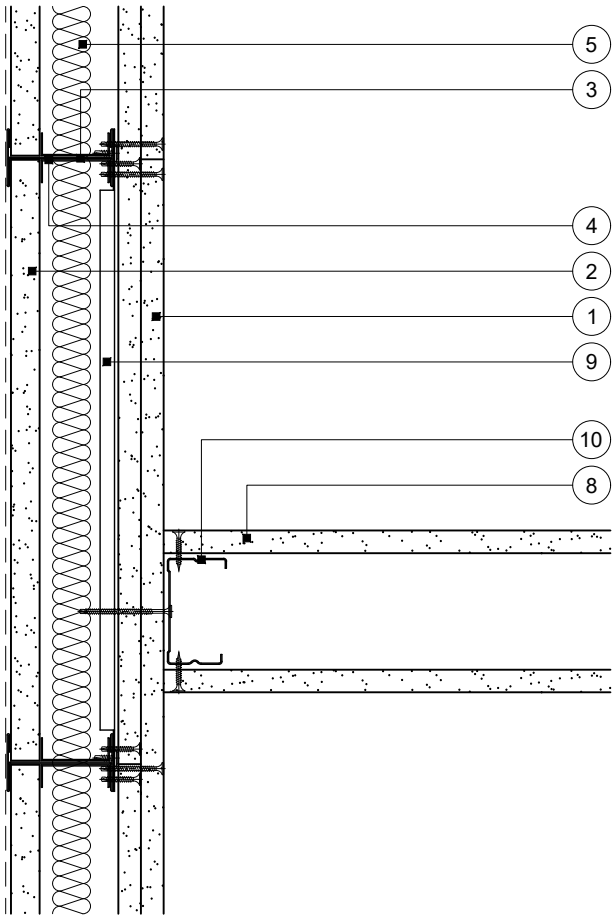
Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

GypWall Shaft

1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
4 Gypframe Retaining Channel
5 Isover insulation where required
6 Additional Gypframe 'I' stud (146mm tabbed 'I' stud) at junction (two for 92mm and 146mm studs in adjacent partition)
7 Gypframe 'C' stud fixed through board to stud(s) with suitable British Gypsum screws at 600mm centres (in two lines staggered by 300mm for 92mm and 146mm studs)
8 One layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
9 Horizontal Gypframe 99 FC 50 Fixing Channel at 600mm centres with ends snipped, flattened and fixed to stud with two suitable British Gypsum wafer head screws
10 Gypframe 'C' stud fixed through board to fixing channel with suitable British Gypsum screws at 600mm centres (in two lines for 92mm and 146mm studs)





T-junction with other partition
On stud

T-junction with other partition
Between studs

Title:	GypWall Shaft	**Scale at A4:**	1:5	**Drawn:**	MRC
	'I' studs and two layers board	**Date:**	October 2021	**Approved:**	DRM
	Standard details read with project specification	**Dwg No.:**	ST-129-Z2L2-03	**Revision:**	

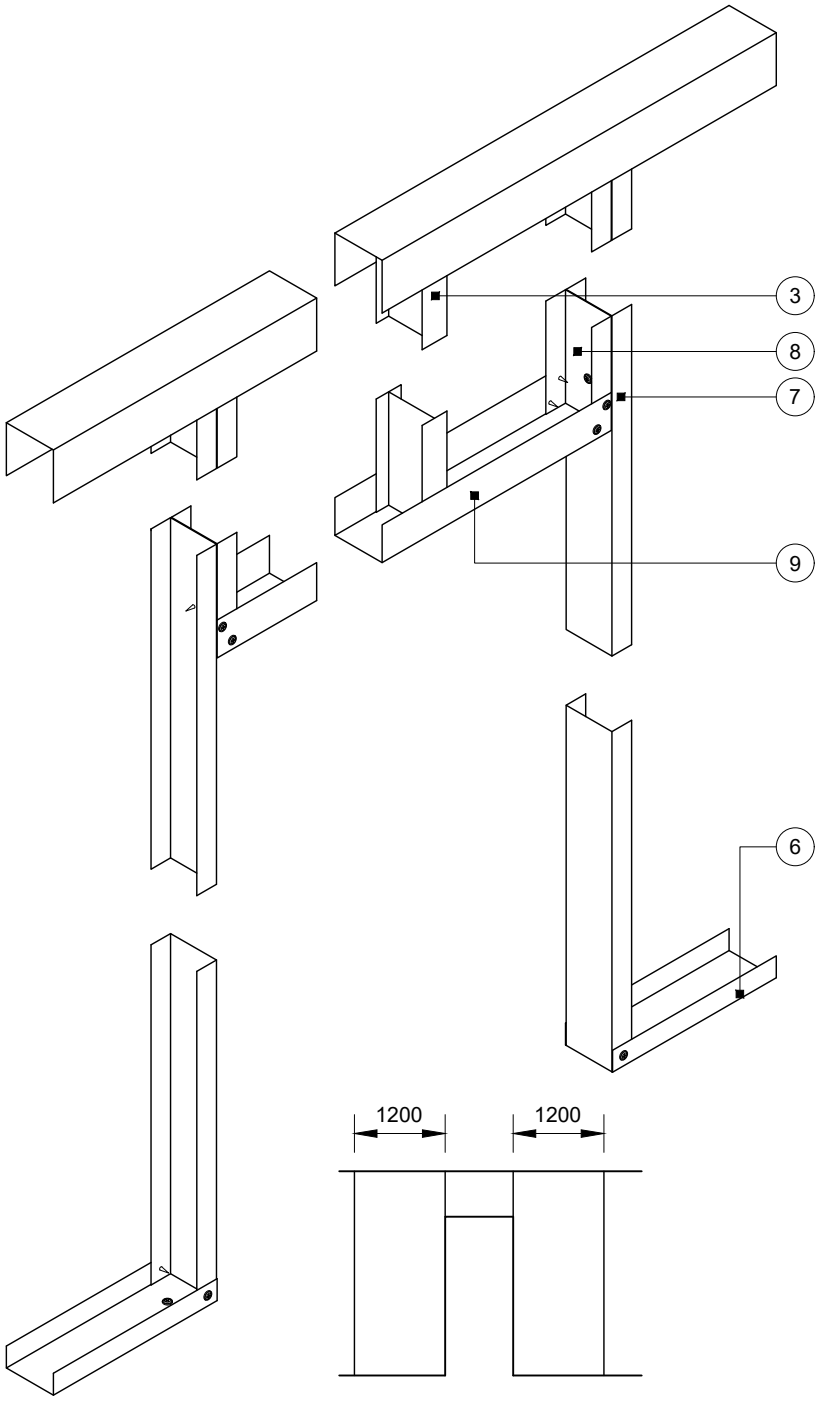
Technical Support Team | british-gypsum.com

Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

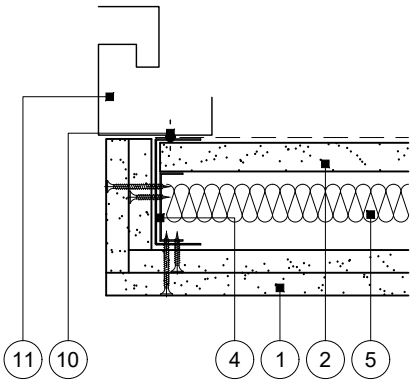
GypWall Shaft

Advice should be sought from the door manufacturer or installer prior to construction of this detail



Partition elevation

1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
4 Gypframe Retaining Channel
5 Isover insulation where required
6 Gypframe Channel suitably fixed to floor at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels). Gypframe Deep Channel used for heights between 4200mm and 8000mm.
7 Gypframe Starter Channel (Tabbed Starter Channel for 146mm) mechanically fixed to lift door frame at 300mm centres
8 Gypframe Starter Channel (Tabbed Starter Channel for 146mm) fixed to starter channel with suitable British Gypsum wafer head Screws at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels)
9 Gypframe Deep Channel or Extra Deep Channel ('J' Channel for 62mm) fixed to starter channel through both flanges with two suitable British Gypsum wafer head screws
10 Gyproc Sealant
11 Indicative lift door frame



Lift door opening width up to 1200mm

Title:	GypWall Shaft 'I' studs and two layers board Standard details read with project specification	**Scale at A4:**	1:5 1:10	**Drawn:**	MRC
		Date:	October 2021	**Approved:**	DRM
		Dwg No.:	ST-129-Z2L2-04	**Revision:**	

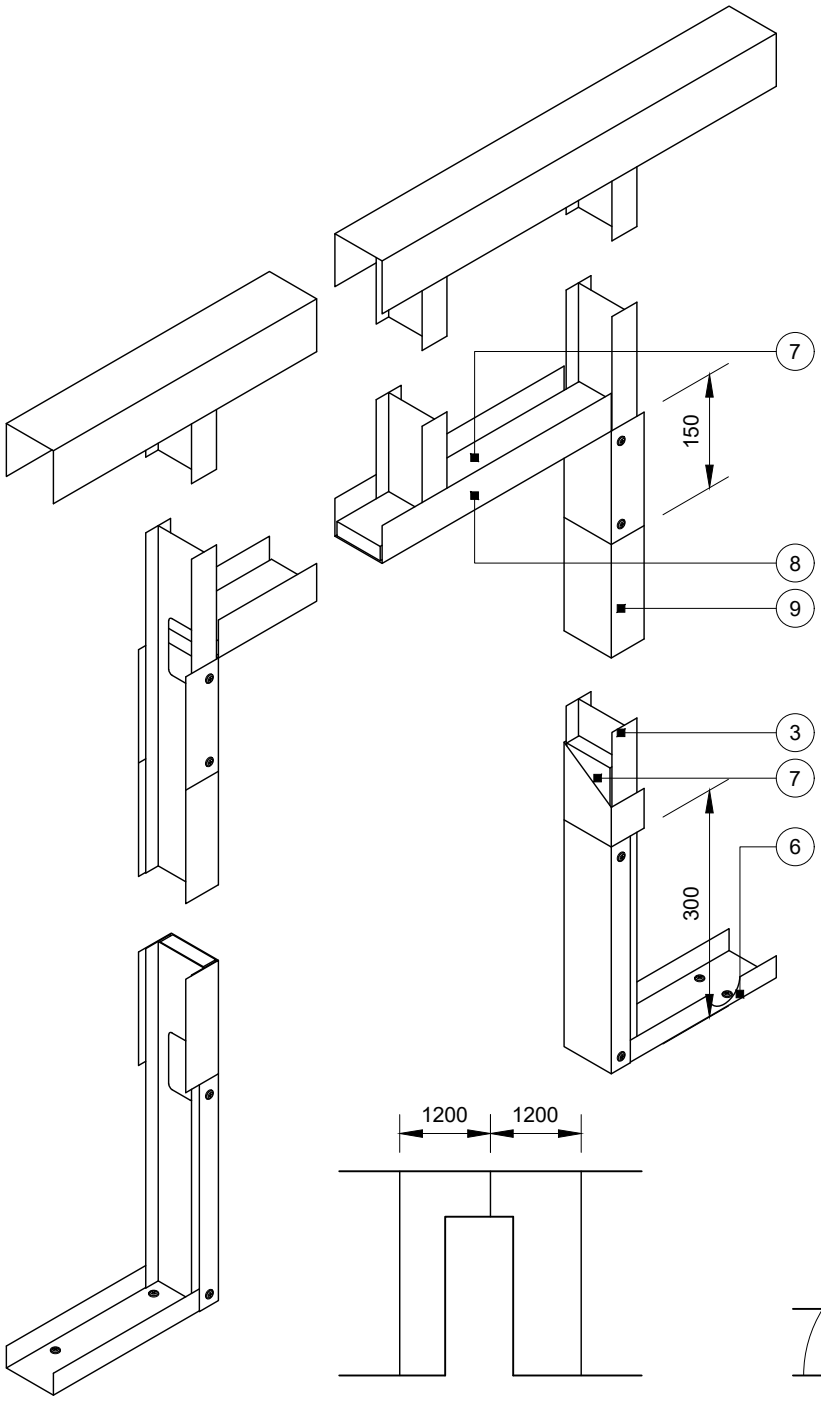
Technical Support Team | british-gypsum.com

Standard Detail

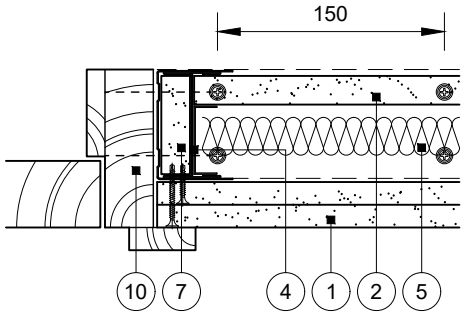
This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

GypWall Shaft

Advice should be sought from the door manufacturer or installer prior to construction of this detail



1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
4 Gypframe Retaining Channel
5 Isover insulation where required
6 Gypframe Channel suitably fixed to floor with two pairs of fixings at 150mm centres (four total) and at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels) thereafter. Channel cut and bent to extend 300mm up stud and fixed through both flanges with two suitable British Gypsum wafer head screws. Deep Channel for heights between 4200mm and 8000mm
7 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase packer full opening height and opening width between studs
8 Gypframe Deep Channel or Extra Deep Channel ('J' Channel for 62mm) cut and bent to extend 150mm down stud and fixed through both flanges with two suitable British Gypsum wafer head screws
9 Gypframe Deep Channel or Extra Deep Channel ('J' Channel for 62mm) fixed to 'I' stud through both flanges with two suitable British Gypsum wafer head screws
10 Indicative timber door frame suitably fixed through channel to stud



Partition elevation

Door opening width up to 1200mm

Maximum door weight 60kg to BS 5234: Parts 1 & 2: 1992 - Heavy and Severe Duty

Rev. A 01.02.23 Updated annotation (MBH)

Title:	GypWall Shaft	**Scale at A4:**	1:5 1:10	**Drawn:**	MRC
	'I' studs and two layers board	**Date:**	July 2021	**Approved:**	DRM
	Standard details read with project specification	**Dwg No.:**	ST-129-Z2L2-05	**Revision:**	A

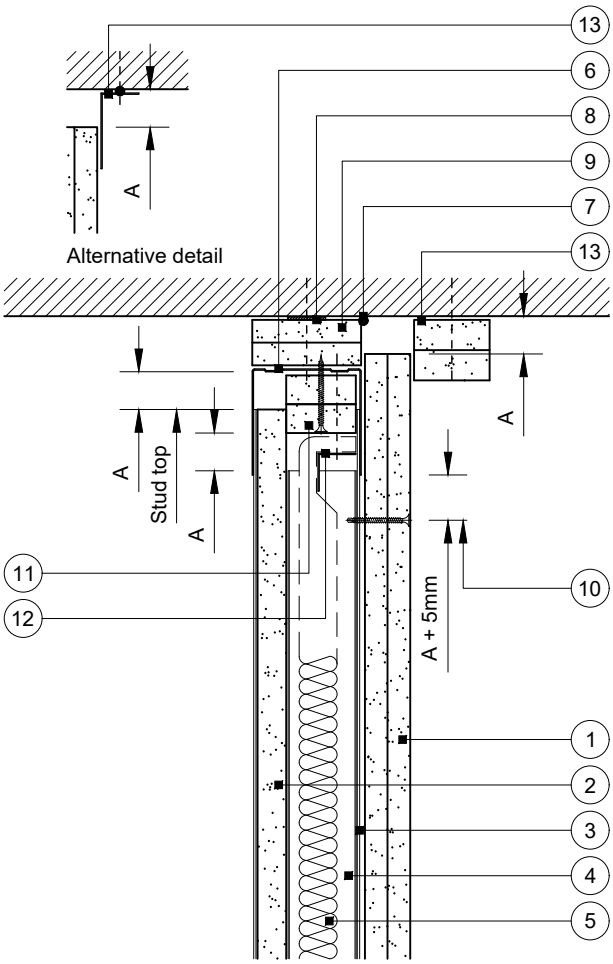
Technical Support Team | british-gypsum.com

Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

GypWall Shaft

1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
4 Gypframe Retaining Channel
5 Isover insulation where required
6 Gypframe Extra Deep Channel ('J' Channel for 62mm) suitably fixed through board to soffit at 300mm centres (at 600mm centres in two lines staggered by 300mm for 94mm and 148mm channels)
7 Gyproc Sealant for optimum sound insulation
8 Gyproc FireStrip
9 One or two channel width strip(s) of board (see table). Two strips pre-fixed to channel from underside with suitable British Gypsum screws at 600mm centres
10 Uppermost board fixing to studs
11 Two or three firestops (see table) 36/46/68/122mm width (to suit 60/70/92/146mm studs) cut from 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase, installed between studs and fixed to channel with two suitable British Gypsum screws
12 Gypframe steel angle or timber batten suitably fixed to channel to retain insulation where required
13 Two 50mm width strips of Glasroc F FireCase fixed to soffit with suitable fire resistant fixings at 600mm centres, or Gypframe GA4 or GA7 Steel Angle bedded on bead of Gyproc Sealant and fixed to soffit with suitable fire resistant fixings at 600mm centres (see table)



DEFLECTION (VERTICAL) HEAD DESIGN			
DEFLECTION DIM. A	DROPPED SOFFIT NOTE 9	FIRESTOP NOTE 11	CLOAKING ELEMENT NOTE 13
1-15mm	One 19mm [A] or 20mm [B]	Two	Optional GA4 [C]
16-20mm	Two 15mm [B]	Two	Two 15mm [B] or GA4
21-25mm	Two 15mm [B]	Two	Two 20mm [B] or GA4
26-30mm	Two 20mm [B]	Two	Two 20mm [B] or GA7
31-35mm [D]	Two 20mm [B]	Three	Two 25mm [B] or GA7
36-40mm [D]	Two 25mm [B]	Three	Two 25mm [B] or GA7
41-45mm [D]	Two 25mm [B]	Three	Two 30mm [B] or GA7
46-50mm [D]	Two 30mm [B]	Three	Two 30mm [B] or GA7

[A] Gyproc CoreBoard
[B] Glasroc F FireCase
[C] For optimum sound insulation
[D] Maximum 30mm for 'J' Channel

Important information

Fire resistance BS EN 1364-1
- 60 minutes through partition subject to specification

Deflection head

Downward (vertical) movement

Rev. B 18.01.23 GA7 added (DRM)

Title:	GypWall Shaft	**Scale at A4:**	1:5	**Drawn:**	MRC
	'I' studs and two layers board	**Date:**	October 2021	**Approved:**	DRM
	Standard details read with project specification	**Dwg No.:**	ST-129-Z2L2-07	**Revision:**	B

Technical Support Team | british-gypsum.com