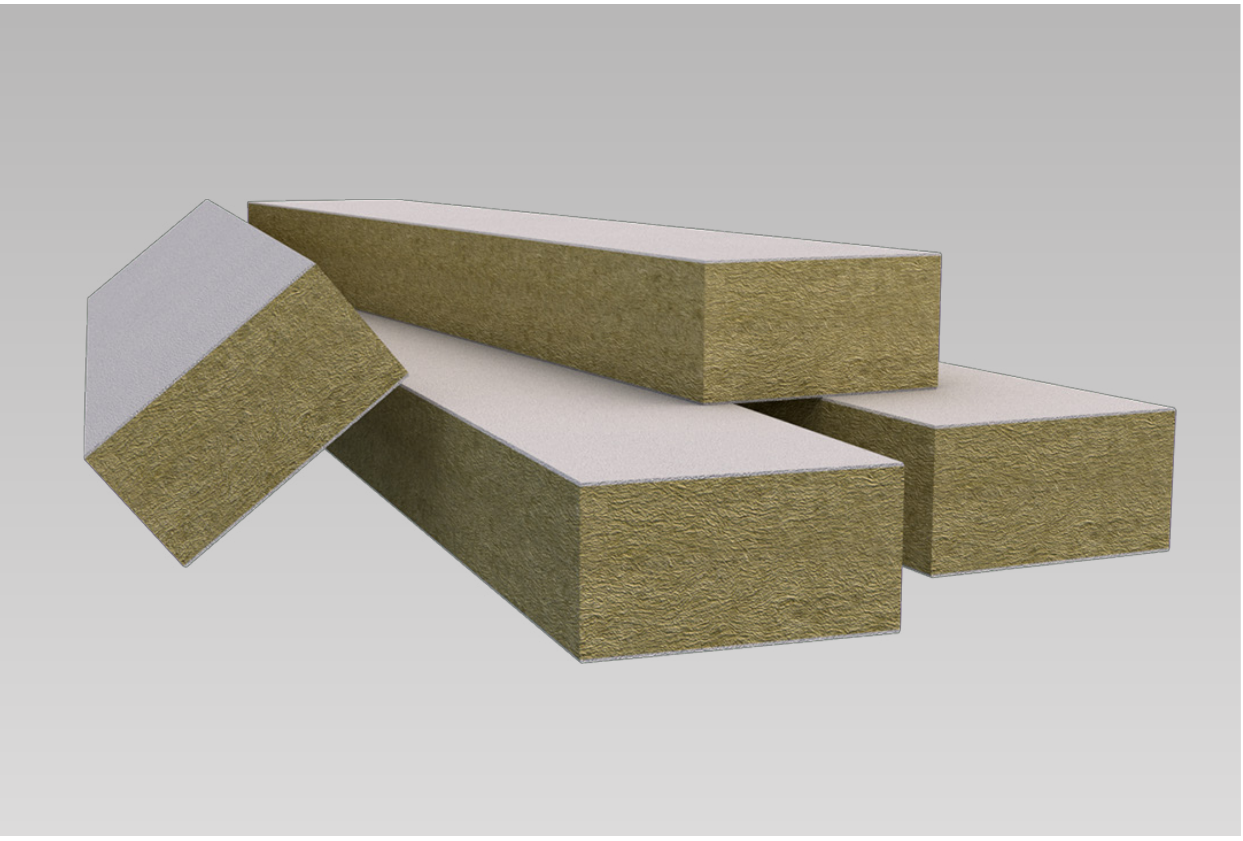


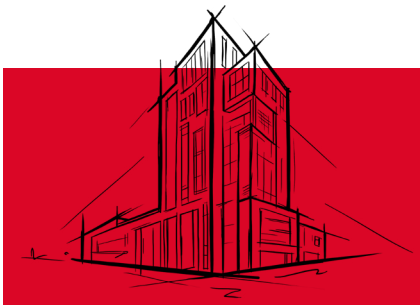
FirePro® SoftSeal System Linear Joint Seals

Flexible fire-stopping for joint applications

FirePro® SoftSeal System Linear Joint Seals have been replaced by a newer product, FirePro® Flex Seal Linear Joint.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

For new specifications, ROCKWOOL highly recommends the use of FirePro Flex Seal Linear Joint.

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



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.

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FirePro SoftSeal System Linear Joint 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 form a linear joint seal within buildings, where the design needs to accommodate movement in the joint.

It may be installed horizontally or vertically and is suitable for linear joint widths up to 200mm. FirePro SoftSeal System Linear Joint Seal can also be used as a 'head-of-wall' barrier to extend the fire resistance and acoustic performances of masonry walls that finish at suspended ceiling height, up to the concrete soffit above. FirePro SoftSeal System Linear Joint Seal can be used in conjunction with FirePro® Ablative Coated Batt for head-of-wall applications.

A FirePro SoftSeal System Linear Joint seal comprises a low-density stone wool FirePro SoftSeal batt, pre-coated with FirePro® SoftSeal Flexible Coating. Depending on the application, FirePro SoftSeal System Linear Joint Seal can be supplied on either one or both sides. (Single Sided for Horizontal Applications. Double sided for Vertical Applications).

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.

The FirePro SoftSeal System Linear Joint Seal is supplied in strips 1200mm x 200mm x 100mm.

FirePro SoftSeal System Linear Joint Seals

PERFORMANCE

Fire performance

FirePro SoftSeal System Linear Joint Seal has been tested to the dedicated fire resistance standard for linear joint seals BS EN1366-4 and shown to provide up to 4 hours* fire performance (E240 & EI80). **Subject to the application*

FirePro SoftSeal System Linear Joint Seal 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-01201-CPR

ETA 20-1137

Certificate of constancy of performance - 2531-CPR-CXO10268

Fire-stopping Standard Details Guide

Movement

As part of the testing to BS EN 1366-4, FirePro SoftSeal System was assessed for its movement capabilities, prior to conducting the fire test. The product was tested to accommodate movement (expansion and contraction) of +/-25%.

Acoustics

- Tested to EN 10140 based on two thicknesses with the following results:
- Rw 30 dB: When installed with 100mm thick SoftSeal Batt
- Rw 39 dB: When installed with 200mm thick SoftSeal Batt
- Dn,e,w 40 dB: When installed with 100mm thick SoftSeal Batt
- Dn,e,w 49 dB: When installed with 200mm 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 4 hours*
Coating	1 side
Density	80kg/m^3
Movement	+/-25%

**Subject to the application*

FirePro SoftSeal System Linear Joint Seals

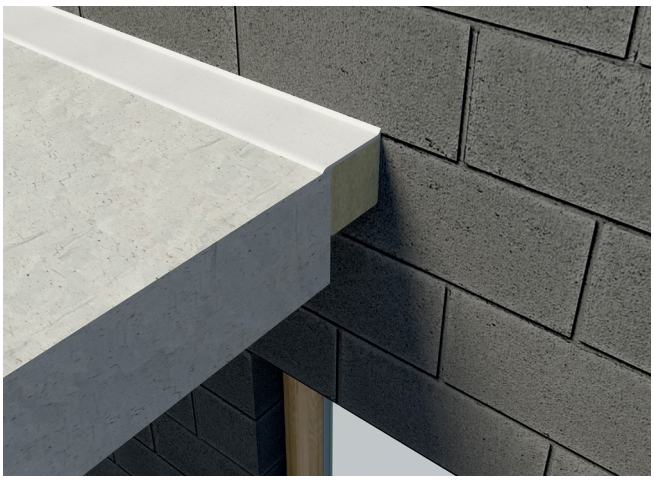
STANDARDS AND APPROVALS

Certificate
FirePro SoftSeal System has been tested and assessed to BS EN1366-4: 2006 + A1: 2010 and classified to EN 13501-2.
Third party certification through UL, Certificate No. UL-EU-01201-CPR
CE marked to EAD 350141-00-1106

INSTALLATION

1. Measure the width of the FirePro SoftSeal System Linear Joint Seals to be sealed.
2. Cut the FirePro SoftSeal System Coated Strips up to 25% bigger than the joint width, so when installed they are under compression.
3. Ensure substrate is clean and free of dust and debris.
4. Install the FirePro SoftSeal System Linear Joint Seal with the coating on the top surface.
5. Apply FirePro SoftSeal System Flexible Coating to the face of all joints between the seal and the substrate, overlapping by 20mm.
6. Apply FirePro SoftSeal System Flexible Coating to the faces of all butt joints between pieces of SoftSeal System Linear Joint Seal.
7. Once installed apply a second coat of the FirePro SoftSeal System Flexible Coating to the top surface of the linear joint seal.

SoftSeal System installed as a linear joint seal



Linear joint 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.

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

To apply, write to:
marketcom@rockwool.com

HEALTH & SAFETY

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

ROCKWOOL stone wool - safe to install and live alongside

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

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

Sustainability

ROCKWOOL products are used to enrich modern living, creating safer, healthier and more climate-resilient communities.

We transform abundant, natural volcanic rock into stone wool insulation products that are used to reduce energy demand, lower fuel bills and help address society's climate change challenges.

ROCKWOOL stone wool insulation is recyclable and can be transformed into new ROCKWOOL products. Please contact us for details of how we can work together to recycle waste ROCKWOOL stone wool material that may be generated during on-site installation.

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

Environment

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

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

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