



FirePro® LUL Intumescent Sealant

Low smoke, fire resistant linear joint sealant

ROCKWOOL FirePro LUL Intumescent Sealant is a one-part water based acrylic sealant. This specially formulated sealant has low smoke emission which allows it to be used in fire resistant joints and around service penetrations in underground applications.

ROCKWOOL FirePro LUL Intumescent Sealant is available in white and supplied in 310ml cartridges or 600ml foil packs.

- Approved for LUL applications
- Low smoke emission
- Easy to apply cartridge application
- Up to 4 hours* fire resistance

**Subject to the application*



FirePro LUL Intumescent Sealant



APPLICATIONS

ROCKWOOL FirePro LUL Intumescent Sealant is suitable for sealing linear gaps of up to 40mm in vertical supporting constructions consisting of masonry, blockwork or concrete (sealed on both faces), additional LUL applications include:

- Steel pipes with an outside diameter of up to 60mm
- Multi-core cables with a diameter of up to 15mm
- Sealing joints in masonry walls, steel to masonry, timber to masonry
- Sealing fire rated door frames
- Other permanent services

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PERFORMANCE

Fire performance

Table 1 Single seals in wall applications

Substrates	Max. joint width (mm)	Sealant depth (mm)	Fire integrity (mins)	Fire insulation (mins)
Block to block	35	20	240	120
Block to steel	25	25	240	60
Timber (min density 450-649kg/m ³)	25	35	60	60

All samples were single seals installed on fire side with a ROCKWOOL FirePro mineral wool backer material (30mm depth)

Table 2 - Double seals in wall applications

Substrates	Max. joint width (mm)	Sealant depth (mm)	Fire integrity (mins)	Fire insulation (mins)
Block to block	40	25	240	240
Block to steel	25	25	240	240
Block to timber (min density 450kg/m ³)	25	30	90	90

All seals to be backed with ROCKWOOL FirePro mineral wool backer material (30mm depth)



Figure 1
Double sealed joint with FirePro mineral wool backer

Sealing around pipes and cables

Up to 4 hours fire integrity and 60 minutes insulation* with a single seal combined with a ROCKWOOL FirePro mineral wool backer material (30mm depth) with annular gaps of up to 15mm wide on steel pipes and 10mm wide around single cables of up to 15mm diameter.

*Subject to the application

LUL smoke test

Test	Result
Smoke density	Ao (max) = 0.0170
Toxicity tests	CIT value = 2.05
Oxygen index value	OI = 31.8

*Subject to the application

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PRODUCT INFORMATION

Property	Description
Pack Size	310ml cartridge/600ml foil pack
Application Temperature	>5°C
Yield	Up to 5.9lm (10mm x 10mm joint from 310ml)
Fire Resistance	Up to 4 hours*

**Subject to the application*

STANDARDS AND APPROVALS

Certificate
FirePro LUL Intumescent Sealant has been tested in accordance with BS 476: Part 20:1987, providing up to 2 hours* insulation with a single seal and up to 4 hours* insulation with a double seal when installed with a ROCKWOOL stone wool backer material that has a minimum density of 90kg/m ³ .
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.

**Subject to the application*

INSTALLATION

All surfaces must be clean and sound, free from dirt, grease and other contamination. No priming is required for most construction substrates; however, it is recommended that a small area be tested on substrates. The sealant should not be applied if the ambient temperature is below 5°C as adhesion will be impaired. The sealant is fast curing approximately 15 minute tack free time. When fully cured the sealant is over paintable.

Limitations

The sealant is not recommended for submerged joints or areas exposed to high abrasion or movement.

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SPECIFICATION CLAUSES

FirePro LUL Intumescent Sealant is associated with the following NBS clauses:

F30 Accessories/sundry items for brick/block/stone walling

610 Movement joints with sealant

670 tops of non-load bearing walls

K10 Gypsum board dry linings/partitions/ceilings

125 Metal stud partition systems

155 Wall lining systems (metal studs)

165 Wall lining systems (metal framing)

175 Wall lining systems (metal furrings)

185 Wall lining systems (adhesive)

205 Lining on timber

215 Suspended ceiling system

220 Proprietary suspended ceiling system

245 Ceiling lining on timber

M20 Plastered/Rendered/Roughcast coatings

653 Sealant movement joints with stop bead edgings

P12 Fire stopping systems

390 Sealant: Fire resistant silicone

395 Sealant: One-part fire resistant acrylic

31 Holes, chases, covers and supports for services

710 Sealing

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BUILDING SAFETY AND PRODUCT USE

LEGAL NOTICES

General safety requirements – Building Safety Act 2022

ROCKWOOL Limited is committed to supporting specifiers, resellers and users of ROCKWOOL products for the full life cycle of the product to comply with the obligations and responsibilities set out in the Building Safety Act 2022. With regard to the general safety requirements of the Act, ROCKWOOL Limited cannot control or foresee every situation where its products might be used. We therefore strongly advise that specifiers, resellers and users contact us where use of ROCKWOOL products is contemplated in applications different from those explicitly described in the latest, relevant ROCKWOOL product datasheets; especially in applications that can be reasonably foreseen as critical to safety.

ROCKWOOL Limited reserves the right to amend the specification of its products without notice. Changes to the ROCKWOOL manufacturing process, or to pertinent regulations, may be reflected in changes to tested and certified product performance. Whilst ROCKWOOL Limited endeavours to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law or other developments affecting the accuracy of the information contained in our publications.

ROCKWOOL Limited does not accept responsibility for the consequences of using (including testing or certifying) its products in applications different from those explicitly described in the relevant ROCKWOOL product datasheets. Expert advice should be sought, and ROCKWOOL Limited should be contacted, where such different use is contemplated, or where the extent of any use described by ROCKWOOL Limited is in doubt.

The ROCKWOOL Trademark

ROCKWOOL® - our trademark

The ROCKWOOL trademark was initially registered in Denmark as a logo mark back in 1936. In 1937, it was accompanied with a word mark registration; a registration which is now extended to more than 60 countries around the world.

The ROCKWOOL trademark is one of the most important assets of the ROCKWOOL Group, and is therefore well-protected and defended by ROCKWOOL throughout the world.

If you require permission to use the ROCKWOOL logo for your business, advertising or promotion, you must apply for a Trade Mark Usage Agreement.

To apply, write to:
marketcom@rockwool.com

Trademarks

Registered trademarks of the ROCKWOOL Group include but are not limited to:

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

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

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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)

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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](#).



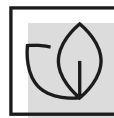
Sustainability

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).

