



# **FIREPRO®**

# **HIGH EXPANSION**

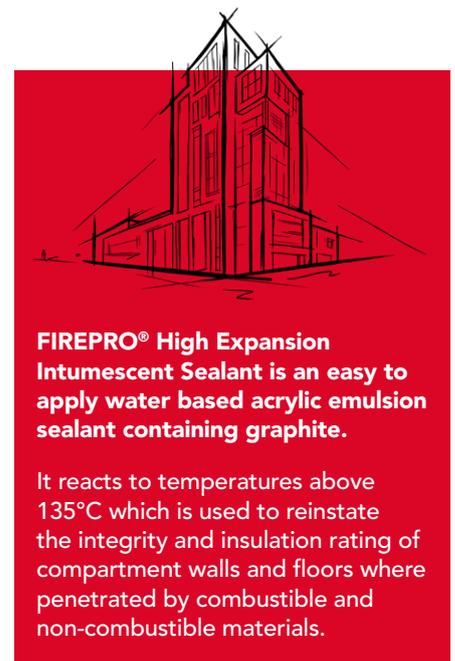
# **INTUMESCENT SEALANT**

Prevents the spread of smoke and fire

ROCKWOOL 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.

ROCKWOOL 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



# HIGH EXPANSION INTUMESCENT SEALANT



## 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)
- Other permanent services

# HIGH EXPANSION INTUMESCENT SEALANT

## PERFORMANCE

### Fire performance

FIREPRO® High Expansion Intumescent Sealant has been tested to BS EN 1366-3: 2009 and BS EN 1366-4: 2006 +A1:2010 and classified to EN 13501-2, providing up to 4 hours\* fire protection in joints up to 30mm. \*Subject to the application

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 pack >](#)

## 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 12 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 <a href="http://www.rockwool.com/uk">www.rockwool.com/uk</a>
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](http://www.LU-apr.co.uk) for specific details. LUL Ref. 2454.

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

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# 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.

A 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:

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

# HIGH EXPANSION INTUMESCENT SEALANT

## 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 datasheet 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 data sheet, 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 data sheet 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.

## 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](http://www.rockwool.com/uk) or contact the ROCKWOOL technical solution team on 01656 868490 or [technical.solutions@rockwool.com](mailto:technical.solutions@rockwool.com).

## SUSTAINABILITY

As an environmentally conscious company, ROCKWOOL promotes the sustainable production and use of insulation and is committed to a continuous process of environmental improvement.

All ROCKWOOL products provide outstanding thermal protection as well as four added benefits:



## HEALTH & SAFETY

The safety of ROCKWOOL stone wool is confirmed by current UK and Republic of Ireland health & safety regulations and EU directive 97/69/EC: ROCKWOOL fibres are not classified as a possible human carcinogen.

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

## ENVIRONMENT

Made from a renewable and plentiful naturally occurring resource, ROCKWOOL insulation saves fuel costs and energy in use and relies on trapped air for its thermal properties.

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

ROCKWOOL is approximately 97% recyclable. For waste ROCKWOOL material that may be generated during installation or at end of life, we are happy to discuss the individual requirements of contractors and users considering returning these materials to our factory for recycling.