

Gyproc Acrylic Fire Sealant

Product Data Sheet



A fire-rated intumescent sealant designed to expand when exposed to high temperatures to seal gaps.

Where to use

Gyproc Acrylic Fire Sealant is formulated to help resist the spread of fire and smoke through joints and openings in compartment walls and floors, including openings formed around building service penetrations.

Suitable for most surfaces, including concrete, masonry, steel, gypsum and plastics. Do not use in direct contact with bituminous materials.

Application

- Sealing service penetrations
- Linear joint seals
- Installing Gyproc Fire Batt.

Technical properties

Composition

This product is an acrylic based filler.

Colour

White.

Air permeability

Tested to EN 1026: 2016.

POSITIVE PRESSURE (Pa)	POSITIVE LEAKAGE (m ³ /h/m ²)	NEGATIVE PRESSURE (Pa)	NEGATIVE LEAKAGE (m ³ /h/m ²)
25	0.00	25	0.00
50	0.00	50	0.00
100	0.00	100	0.00
200	0.00	200	0.00
300	0.00	300	0.56
450	1.11	450	1.67
600	6.94	600	6.11

Curing time

After approximately 25 minutes a film will form. This will become tack-free at 75 minutes and is fully cured 3-5 days depending on thickness and temperature.

© British Gypsum, 2025.

Installation images shown are from a benchmark application of firestopping products, and do not reflect on-site conditions.

Performance

Here we only provide performance information related to the product.

Fire resistance	Up to 4 hours*
Tested to	EN 1366-3 EN 1366-4 Fire resistance tests for service installations - penetration seals/linear joint seals
Classification	According to EN 13501-2: EI240*
UKTA	0843-UKTA-25/0019 (Penetration Seals) 0843-UKTA-25/0020 (Linear Joint and Gap Seals)
EAD	350141-00-1106 350454-00-1104 September 2017
Reaction to fire	Euroclass B-s1, d0 According to EN 13501-1
Airborne sound insulation	R _w 48 dB Tested as a linear gap seal 600 mm long x 30 mm wide backed with stone mineral wool. Tested in GypWall Twin Frame Independent (system A216013). Please contact TST for further details
Application temperature	+5 °C to +30 °C
Service temperature	-20 °C to +70 °C
Reaction temperature	180 °C
Flexibility	≤7.5 % (in accordance with EAD 350141-00-1106)
Working life	25 years

* Check Standard Details for application information

Gyproc®
Firestopping

Gyproc Acrylic Fire Sealant

Product Data Sheet

Sitework

Packaging overview

- 300 ml and 600 ml foil sausages
- 310 ml cartridges
- Boxes: 600 ml (12 pcs), 300 ml and 310 ml (25 pcs).

Storage

Store in unopened cartridges and temperatures between +10 °C and +30 °C.

Shelf life

24 months.

Handling

British Gypsum fully accepts its responsibilities as a supplier of building materials and systems as required by Section 6 of the Health and Safety at Work etc. Act 1974. To reduce manual handling risk, employers and workers should follow HSE's Manual Handling Operations Regulations 1992 (MHOR) and the HSE's guidance on manual handling at work (INDG143). Employers should carry out a risk assessment and implement control measures to avoid or minimise the need for manual handling. Workers should follow safe lifting and moving techniques and report any hazards.

Tools required

- Sharp knife/snips
- Sealant gun
- Spatula.

Environmental

Recyclability

This product cannot be recycled.

Disposal

Waste should be disposed of in accordance with local authority requirements.

Yield

Use this simple calculation to determine the quantity of sealant required:

$$\left(\frac{\text{Joint width (mm)} \times \text{Joint depth (mm)} \times \text{Joint length (mm)}}{\text{Cartridge/sausage volume (ml)}} \right) = \begin{matrix} \text{Total} \\ \text{number of} \\ \text{cartridges} \\ \text{or} \\ \text{sausages} \\ \text{required} \end{matrix}$$



Installation guidance

Application

Thoroughly clean the area before use. No priming necessary for application to most materials.

Gyproc Acrylic Fire Sealant will cure when exposed to the atmosphere, retaining a degree of elasticity to accommodate joint movement. In the event of a fire, Gyproc Acrylic Fire Sealant reacts, forming an intumescent char ensuring a robust seal.

Please refer to the Gyproc Firestopping Installation Guide for full application guidelines.

Limitations of use

Please refer to the Gyproc Firestopping Installation Guide for full limitations of use. Should not be used in permanently damp areas or in joints with high movement.

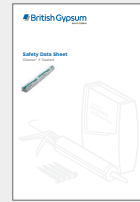


Gyproc®
Firestopping

Gyproc Acrylic Fire Sealant

Product Data Sheet

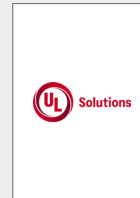
Supporting Documents



Safety Data Sheet (SDS)



Install Guide and Video



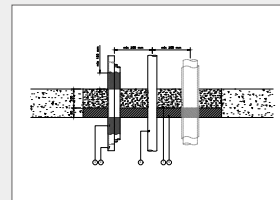
UK Technical Assessments (UKTA)



Declaration of Performance (DoP)



Certificate of Constasy (CoC)



Standard Details

SAINT-GOBAIN

British Gypsum
Head Office, East Leake,
Loughborough,
Leicestershire, LE12 6HX
T: 0115 945 1000
british-gypsum.com



"Gyproc", "Thistle", "ThistlePro", "Gypframe" and "Glasroc" are all registered trademarks of Saint-Gobain Construction Products UK Limited. "Isover" is a registered trademark of Saint-Gobain Isover (French legal entity) and "Okarno" is a registered trademark of Okarno Limited.

Saint-Gobain Construction Products UK Limited is a limited company registered in England under company number 734396, having its registered office at Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU, UK. Saint-Gobain Construction Products UK Limited trades as British Gypsum for part of its business activities.

British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: british-gypsum.com. For information about products supplied by Okarno Limited or Saint-Gobain Isover please see their respective websites.

"British Gypsum" is a registered trademark of Saint-Gobain Construction Products UK Limited.