

Technical Specifications

Bioferm-s

Monocomponent sealant filler made from silicon with permanent elasticity for fireproof joints.

SCOPE OF APPLICATION

Fireproof seals for expansion joints and cable runs that require permanent elasticity.

PROPERTIES

- Permanent elasticity.
- Tested up to 180 min. fireproof.
- Watertight.
- Seals off smoke and gas.
- Ideal system for buildings subject to a high level of movement or vibrations.
- Applied using conventional tools. Easy to reinstall.
- Suitable for fireproofed buildings that are flood risk-free.
- Removable.

CONSUMPTION

$C=3 \times E/A$

C: No. of linear metres/cartridge

E: Thickness of sealant

A: Width of joint in cm

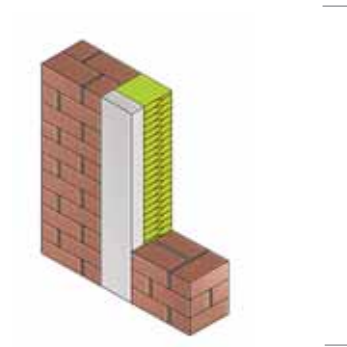
MAIN CONTENTS OF MATERIAL

Monocomponent silicon sealant filler.

FORMAT

300 ml cartridges

Box of 25 cartridges



POURING

Surface:

The surface must be steady, clean and dry. All oil, grease, concrete release agents, rust and other impurities must be removed.

Application:

1. Apply primer when the surface requires this to guarantee complete adherence.
2. Use rock wool with a density of 145 kg/m³ to fill the joint.
3. Apply the sealant filler using a manual or automatic spray gun, with an average thickness of about 10 mm.
4. The finish must be achieved using wet tools.

STORAGE

Can be stored for at least 9 months in the original, sealed packaging.

PROPERTIES

- Resistance to fire: RF-120
- Reaction to fire: B -1 in accordance with DIN 4102
- Colour: Grey
- Flexible to temperatures: -50 °C to +150 °C
- Permanent elasticity: 25% in accordance with DIN 18540
- Film forming: 20 to 25 min. a 20 °C
- Treatment time: 10 to 20 days in accordance with DIN 3503
- Resistance to pull: 1.2 N/mm² DIN 53504
- Lengthening of rupture: 4.3 N/mm² (ASTM D 624)
- Application temperature: -10 °C to +40 °C

TEST

Sealing for joints up to RF:120
Applus file no. 5012135

N.B.

The sole purpose of the present technical specifications, in the same way as any other recommendations and technical information, is to describe the product characteristics, method of use and applications.

The data and information reproduced herein are based on our technical knowledge acquired through books, laboratory tests and practical cases.

The information regarding use and dosage provided in these technical specifications is based on our own experience and is therefore subject to changes due to different site conditions. Real-life use and dosages should be decided on-site through preliminary tests and they are the customer's responsibility. We shall not be held responsible for other product applications that are not in keeping with those specified. We grant a guarantee in the event of manufacturing defects found in our products, excluding any other claims, and we will only be responsible for refunding the value of the supplied goods. Possible reserves regarding patents or third party rights should be taken into account.

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A new edition will render the present technical specifications invalid.