

# TECHNICAL DATA SHEET

## Acryseal-FR B1



**Fire-Rated Sealant**  
Highly flexible firestop firestop acrylic based sealant sealant for construction joints and pipe penetrations.

### TECHNICAL DATA

■ Basis	Polymer
■ Consistency	Stable Paste
■ Curing system	Moisture Curing
■ Tack-free time	Ca. 20 mins
■ Density	1,52 gr/ml
■ Elasticity Modulus 100% (DIN 53504)	≥ 0,40 Mpa
■ Max Tension (DIN 53504)	≥ 0,50 Mpa
■ Elongation at Break (DIN 53504)	>%200
■ Application Temperature	5 °C - 40 °C

### APPLICATIONS AREAS

- Expansion or stretched-connection joints in fire compartment walls and floors.
- Pipe, cable or duct penetrations through fire compartment walls and floors.
- All applications where fire protection is needed.

### SPECIFICATIONS

- Strong unprimed adhesion to most porous and nonporous construction materials.
- Suitable for use in concrete, stone and sensitive metals.
- High movement capability up to 15%.
- Low-odour, non-corrosive.
- Outstanding resistance weather conditions and keeps elasticity for a long time.
- Asbestos-free.
- Suitable for joints up to 50 mm.
- EN 15651-1 F-INT.

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### SAFETY INFORMATION

It contains minor amounts of volatile chemicals. It must not be inhaled and the application ambience must be ventilated if used indoors. Since it may cause irritation to avoid prolonged contact of wet silicone to skin. Hardened sealant does not contain any harmful components.

### SURFACE PREPERATION

- Surfaces which contact with sealant must be clean and dry and not contain any oil, dust or rust.
- Non-porous surfaces must be cleaned in advance with a suitable solvent. Applied solvent must be wept well from the surface without allowing it to evaporate.
- Applying masking tape around the application joints prevents smudging and provides a more aligned application.
- Masking tape must be removed promptly after application.
- Primer is not needed before the application on non-porous surfaces like faience, ceramics and glass.

### JOINT PREPERATION

- Joint width must be between 5-25 mm.
- Depth of the applied sealant depends on the size of width. The width to depth ratio should be 2 to 1.
- Depth of sealant must be roughly half of its width wider joints.

### APPLICATION METHOD

- Cut the tip of the cartridge and screw the application nozzle to the cartridge
- Cut the nozzle at a suitable points depending on the thickness of the application joint.
- Place the cartridge to the sealant gun and apply on the desired area.
- Before sealant forms a crust, smoothen the sealant with a thin plastic of wood spatula.
- Clean the smudged surface with a solvent based cleaner and a wet fabric without allowing it to dry. Dried sealant can be cleaned with mechanical methods.

### PACKAGING (Volume)

290 ml cartridge/ 400 ml sausage / 600 ml sausage

### SHELF LIFE

18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

### COLORS



White



Grey



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