TECHNICAL DATA SHEET

Fireseal B1

Fire-Rated Silicone
Highly flexible firestop silicone sealant for construction joints and pipe penetrations.

TECHNICAL DATA

Basis	Neutral
Consistancy	Thixotropic
Curing system	Moisture Curing
Tack-free time	Ca. 10 mins
Skin Formation* (20°C/65% R.H.)	1-3 mm/24h
Hardness (DIN 53505)	42 ± 5 Shore A
Density	1,26 gr/lt
Elongation at Break (DIN 53504)	> 150%
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

• Fire resistant up to 4 hours.
• Strong unprimed adhesion to most porous and nonporous construction materials.
• Suitable for use in concrete, stone and sensitive metals.
• High movement capability up to %25.
• Low-odour, non-corrosive.
• Outstanding resistance to UV lights, weather conditions and temperature extremes.

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REMARKS

• Not over-paintable.
• Not suitable for PP, PP, PTFE, neoprene, and bituminous surfaces.
• Must not be used on substrates which may bleed oil, plasticizers, and solvents.
• May cause bleeding on natural stone substrates.

SAFETY INFORMATION

It contains minor amounts of volatile chemicals. It must not be inhaled and the application ambiance must be ventilated if used indoors. Since it may cause irritation to avoid prolonged contact of wet silicone to skin. Hardened silicone 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.
• Primer use may be required for some metal and plastic types.

JOINT PREPERATION

• Joint width must be between 6-20 mm.
• Depth of the applied silicone depends on the size of width.Apply 6 mm silicone in the widths with depths up to 12mm.
• Depth of silicone 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 silicone gun and apply on the desired area.
• Before silicone forms a crust, smoothen the silicone with a thin plastic of wood spatula.
• Clean the smudged silicone with a solvent based cleaner without allowing it to dry. Dried silicone can be cleaned with mechanical methods

PACKAGING (Volume)

310 ml cartridge (box of 25 pieces)

SHELF LIFE

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

COLORS

Transparent

MANUFACTURER:
PROMAST Kimya San. Tic. A.Ş. Ovacık Mh.
Hacıoğlu Sk. No:21 B/0 41140 Başiskele
KOCAELİ | TURKEY T: +90 (262) 335 41 82
F: +90 (262) 335 41 83

ISO 14001:2015 ISO 9001:2015 OHSAS 18001:2007 CE

ProMast insulates seals bonds