

# TECHNICAL DATA SHEET

## EPDM



### EPDM Silicone

Promast EPDM Membrane Adhesive is a one component, elastic neutral cure silicone for bonding EPDM membranes.

### TECHNICAL DATA

■ Basis	Neutral
■ Consistency	Thixotropic
■ Curing system	Moisture curing
■ Tack-free time	Ca. 10 mins
■ Skin Formation* (20°C/65% R.H.)	2-4 mm / 24h
■ Hardness (DIN 53505)	35 ± 5 Shore A
■ Density	1,42 g/ml +/- 0,02
■ Temperature resistance (Cured)	-40°C +180°C
■ Max tension (DIN 53504)	> 1,2 N/mm <sup>2</sup>
■ Elongation at break (DIN 53504)	> 800%
■ Application temperature	> 5°C - 40°C

(\* ) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

### APPLICATIONS AREAS

- Bonding EPDM membranes.
- Sealing between EPDM membranes and the other construction materials.

### SPECIFICATIONS

- Oxime silicone, low odor.
- Suitable for indoor and outdoor applications.
- Strong and permanently elastic.
- Strong adhesion on common construction materials.
- Resistant to weather conditions.

### 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.

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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 silicone does not contain any harmful components.

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### 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 12 mm.
- Depth of silicone must be roughly half of its width wider joints.

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### PACKAGING (Volume)

600 ml sausage (box of 20 pieces)

### SHELF LIFE

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

### COLOUR



Black



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