

# TECHNICAL DATA SHEET

## FACADE



### Construction Silicone

Flexible neutral cure silicone sealant suitable for sealing applications on a wide variety of construction materials and building facades.

### TECHNICAL DATA

■ Basis	Neutral
■ Consistency	Thixotropic
■ Curing system	Moisture curing
■ Tack-free time	Ca. 20 mins
■ Skin formation (20°C/65% R.H.)	2-3 mm / 24h
■ Hardness (DIN 53505)	35 ± 5 Shore A
■ Density	1,03 g/ml +/- 0,02 1,45 g/ml +/- 0,02
■ Temperature resistance (Cured)	-60°C +180°C
■ Elastic recovery (ISO 7389)	> 70%
■ Max tension (DIN 53504)	> 0,25 N/mm <sup>2</sup>
■ Elasticity modulus 100% (DIN 53504)	> 1 N/mm <sup>2</sup>
■ Elongation at break (DIN 53504)	> 450%
■ Application temperature	5°C - 4 °C

### APPLICATIONS AREAS

- Sealing applications around construction elements as concrete, metal, wood, brick and plastics.
- Perimeter sealing of window and door frames.
- Sealing of expansion joints.

### SPECIFICATIONS

- Suitable for most construction sealing applications.
- Strong unprimed adhesion to a wide variety of construction materials including concrete, brick, wood, aluminum and plastics.
- Low-odour cure.
- Non-corrosive, does not release acid.
- Resistant to extreme temperature change.

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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.

### 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 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.

### 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)

600 ml sausage (box of 12 pieces)

### SHELF LIFE

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

### BRIGHT COLORS

0001 Transparent	RAL 1003	RAL 1018	RAL 1023	RAL 1027	RAL 2004	RAL 3000	RAL 3020
RAL 5002	RAL 5010	RAL 5017	RAL 5021	RAL 6002	Light Bronze	Bronze	Corten Steel
Silver	Pearl Anthracite	RAL 1036	RAL 3033	RAL 8003	RAL 9006	RAL 9007	RAL 9023

### MATTE COLORS

Off White	RAL 9001	RAL 9003	RAL 9010	RAL 9016	RAL 9018	RAL 1000	RAL 1001
RAL 1002	RAL 1013	RAL 1014	RAL 1015	RAL 1019	RAL 7016	RAL 5012	RAL 6013
RAL 6021	RAL 7003	RAL 7006	RAL 7022	RAL 7023	RAL 7030	RAL 7032	RAI 7036
RAL 7037	RAL 7039	RAL 7043	RAL 7044	Light Grey	Dark Grey	Golden Oak	Black



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