

Sealants / Silicone Sealants

SS 935

Marble and Natural Stone Silicone Sealant

DESCRIPTION

High quality, **100% silicone**, single component, neutral, solvent-free sealant which is cured with the moisture in the air, can be used in joints of construction materials such as **natural stone, marble and granite**.

APPLICATION AREAS

- Indoor and outdoor,
- Sensitive surfaces such as natural stone, marble and granite,
- Joints of facade coatings such as natural stone, marble and granite,
- Joint combinations of glass, aluminum and glazed surfaces,
- Sealing window frames.

TECHNICAL PROPERTIES

Appearance	High viscosity silicone sealant
Color	Pls. see the color chart
Density	1.01 ± 0.02 g/cm ³
Application Temperature	Between +5°C and +35°C
Surface Dry Time	10 ± 5 minutes
Curing Rate	3 mm / 24 hours
Hardness (Shore A)	25 ± 5
Tensile Strength	≥ 1 MPa
Elongation at Break	> 300% (14 days)
Service Temperature	Between -40°C and +150°C

ADVANTAGES

- Single component**, easy to apply.
- Granite, marble and other natural materials can be stained in contact with standard silicone. SS 935 is developed for these sensitive surfaces, does not stain.
- Does **not contain solvent** and is durable. Does not shrink, sag or peel off.
- Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Tolerates small movements and protects its sealing properties in joints, thanks to **its high adhesion property**.
- Highly elastic, can stretch more than 5 times of its length and turns to its original form without being distorted.
- Resistant to abrasion.
- Not affected from weather conditions after one hour when cured.
- Prevents mold and fungus formation.
- Odorless.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) once cured
- Resistant to detergents, cleaning materials and diluted chemical solutions.
- Not harmful or toxic.

CONSUMPTION

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	Consumption g (for 1 m)
6	6	36	36.36
10	10	100	101
20	12	240	242.40

PACKAGING

Net 300 ml plastic cartridges

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be clear of materials that prevent adhesion such as dust, engine oils, tar, paint, silicone, curing material, detergent and mold release agents.
- Remove the old and cured sealants mechanically. Do not apply on old and cured sealants that are not totally removed.
- Masking tape is recommended for a smooth appearance of the surface and the material to be spilled around.
- Primer may be required for some synthetic and painted surfaces. However, there is no need to use a primer on non-porous surfaces such as tiles, ceramics and glass.

APPLICATION

- Cut the mouth of the cartridge to allow the insertion of the tip supplied with the cartridge.
- Attach the tip to the mouth of the cartridge and, considering the width of the area to be used, cut the tip with a sharp utility knife at an angle of 45° and place the product to the cartridge gun.
- Smooth the surface by pressing with a suitable correction tool. This process will ensure both better adhesion of the sealant and a better appearance of the filling.
- Remove the masking tape within 5 minutes after the application.

CAUTION

- Avoid application at temperatures below +5°C and above +35°C.
- Not suitable for use in aquariums, glazed surfaces and mirror bonding.
- Do not use in completely closed areas as it needs moisture in the air for curing.
- Not suitable for medical or pharmacological applications.
- Do not apply under direct rain.
- Does not hold paint on it.
- Not recommended for use as a structural adhesive.

SHELF LIFE

Expires in 12 months. Store unopened packages between +10°C and 25°C, in a dry environment protected from sunlights.



Technical Data Sheet (TDS)

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HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Do not leave the cover open. Avoid prolonged contact with uncured silicone. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at $23\pm 2^{\circ}\text{C}$ temperature and $50\pm 5\%$ relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Construction Chemicals Ltd. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.