

# SS 934 CONSTRUCTION

## Neutral Construction Silicone Sealant

### DESCRIPTION

High quality, single component, **100% silicone**, solvent-free sealant with **neutral oxime structure**, cured with the humidity in the air, which can be used in all kinds of indoor and outdoor areas of the building.

### APPLICATION AREAS

- Indoor and outdoor
- All kinds of aluminum cladding facade joints
- As a sealing material in construction joints
- Glass assembly works
- Joint combinations of glass, aluminum and glazed surfaces,
- Sealing window frames
- Isolation of cold storage depots
- For sealing and filling purposes in door and window gaps,
- All kinds of joint applications due to its neutral characteristics.

### TECHNICAL PROPERTIES

Appearance	High viscosity silicone based sealant	
Color	Pls. see the color chart	
Application Temperature	Between +5°C and +35°C	
Service Temperature	-40°C / +150°C	
Motility	± 25% (TS EN ISO 11600)	
	<b>Glossy</b>	<b>Matte</b>
Density	1.02 ± 0.02 g/cm <sup>3</sup>	1.35 ± 0.05 g/cm <sup>3</sup>
Surface Drying Time	10 ± 5 minutes	10 ± 5 minutes
Curing Rate	3 mm / 24 hours	3 mm / 24 hours
Hardness (Shore A)	22 ± 5	36 ± 5
Tensile Strength	≥ 1 MPa	≥ 1 MPa
Elongation at Break	> 500% (14 days)	> 400% (14 days)

### ADVANTAGES

- **Single component**, easy to apply
- Does not contain **solvent**, 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 be expanded more than 5 times of its length and turns to its original form without being distorted
- Not affected from weather conditions after one hour when cured. Resistant to abrasion
- Odorless
- Protects its elasticity even in low and high temperatures (-40°C and +150°C) when cured
- Resistant to detergents, cleaning materials and diluted chemical solutions
- Not harmful or poisonous.

**CONSUMPTION**

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	<b>Glossy</b> Consumption g (for 1 m)	<b>Matte</b> Consumption g (for 1 m)
6	6	36	36.72	48.60
10	10	100	102	135
20	12	240	244.80	324

**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 into the cartridge gun.
- Smoothen 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. Joint width should be minimum 5 mm and maximum 25 mm.
- Remove the masking tape immediately after application.
- Clean excess material with a solvent or alcohol within maximum 5 minutes. If this time has been exceeded and curing has been completed, cleaning can only be done mechanically.

**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 on sensitive metals and electronic circuits since it creates acetic acid vapor during curing.
- It is not recommended to be used on porous surfaces such as concrete, natural stone, marble.
- Do not use in completely closed areas as it needs moisture in the air for curing.
- Not suitable for medical or pharmacological applications.
- Does not hold paint on it.
- Not recommended for use as a structural adhesive.

**PACKAGING**

Net 300 ml plastic cartridges  
600 ml aluminum sausages

**SHELF LIFE**

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

**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±2°C temperature and 50±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 Yapı Chemicals San. Trade Ltd. Sti. 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.