

It is a weatherproof, flexible, neutral curing high quality silicone used in joints of building materials, indoor and outdoor applications. Solvent-free. ISO 11600:2002/AMD 1:2011 Building construction – Joining products – Sealing and joint filler material that meets the classification and requirements for sealing materials.

GENERAL FEATURES

- It is one-component, easy to apply.
- It is resistant to weather conditions and UV temperatures.
- Makes odorless drying.
- It is resistant to sudden and high temperature changes.
- It has high elastic ability.
- It does not contain solvents, has a long service life.
- After curing, it is not affected by weather conditions.
- Thanks to its high adhesion feature, it provides excellent adhesion to many building materials.

APPLICATION AREAS

- In aluminum composite panel joints,
- For the purpose of filling and insulation in door and window, plumbing, bathroom, kitchen applications,
- In all fuga sealing applications in the construction sector,
- In general sealing applications of concrete, metal, wood, aerated concrete, brick and plastic structural elements,
- In sealing applications between PVC, aluminum and glass,
- At the joints of the floor, wall, ceiling,

Technical Specifications

Base	Silicone
Consistency	Putty
Density (DIN 53479)	1,35 ± 0,05 g/cm ³
Modulus of Elasticity 100% (DIN 53504)	~ 0.32 N/mm ²
Elastic Return	> 70%
Yield – On Vertical Surface (ISO 7390)	< 3mm
Shell binding time	10 min. (23 °C / 50 % r.h.)
Drying Speed	2-4 mm/24 hr. (23 °C / 50 % r.h.)
Elongation at rupture (ISO 8339)	> 600%
Max stress (DIN 53504)	0.2 N/mm ²
Tensile Strength	0.8 MPa
Shore A Hardness (DIN 53505)	30 ± 3
Application temperature	+5 °C to +40 °C
Service Temperature	-40°C to +180 °C
Output Speed	400 gr/min.

RENK SEÇENEKLERİ

- Transparent White Black
 Gray Antrasit Special Colors





SURFACE PREPARATION

- Surfaces that will come into contact with silicone should be clean and dry; it should not contain oil, dust, rust and loose parts.
- If there is previously applied silicone on the surfaces, it should be removed by mechanical methods.
- Pulling a masking tape around the application joints does not only prevent silicone contamination around the joint, but also allows for a more aligned application.
- The retracted masking tape should be removed immediately after application.



JOINT DESIGN

- The width of the joint should be in the range of 6-20 mm.
- The depth of the silicone to be applied depends on the width size.
- For widths up to 12mm, apply 6mm deep silicone.
- At wider joints, the depth of the silicone should be roughly half of its width.



APPLICATION

- Insert the tip of the cartridge by cutting it and returning the application nozzle to the cartridge.
- Depending on the thickness of the application joint, cut the nozzle in the appropriate place.
- Place the cartridge in the silicone gun and apply.
- Before tying a silicone shell, fix the silicone with a finger or a thin piece of plastic/wood or a dry spatula, preferably within 5 minutes.
- Clean the contaminated silicone with a thinner-like solvent without allowing it to dry, as the dried silicone can only be cleaned by mechanical methods.



PACKAGING OPTIONS

Gross 300 ml cartridge / Package: 24 pcs cartridges



SHELF LIFE AND STORAGE

Undamaged, unopened, original packaging, in dry conditions, in an upright position between +10 °C and +30 °C, the shelf life is 12 months.



ALERTS

- If used on natural stone and marble surfaces, it may cause staining.
- There is no adhesion on surfaces such as PE, PP, PTFE, neoprene.
- It cannot be painted.
- It is not anti-bacterial.
- It should not be used indoors, as it is cured with moisture in the air.
- It should not be used in the installation of double glazing, safety glass and structural applications.



SECURITY INFORMATION

It contains trace amounts of volatile chemicals. Adequate ventilation should be provided when used indoors. Long-term contact with wet silicone should be avoided, as it can cause sensitivity to the skin. Hardened silicone does not contain any elements harmful to health. For detailed information, please refer to the safety data sheet for the product.

Note: All information provided in the Technical Data Sheet is shared based on the reliability of the tests carried out as a manufacturer. Since performance differences may occur in the application, factors such as application surface, environment, surface and product temperature etc. should be considered. It is recommended to test it before being used on different surfaces and areas.