

When dry, it is fire resistant, smoke-free, flexible, highly mobile, neutral silicone that provides single-component sealing and filling.



GENERAL FEATURES

- According to EN 1366 Part 4-NBN713.020-BS 476/20 test method, it is resistant to fire for at least 4 hours.
- It has a high mobility of up to 25%. It does not suffer from volume loss.
- One-component, easy to apply,
- Does not form mold and fungus,
- It is resistant to UV heat and does not crack yellowing,
- Thanks to its high adhesion feature, it provides excellent adhesion to many building materials,
- Provides strong adhesion to non-porous surfaces such as tiles, ceramics, glass,

APPLICATION AREAS

- Indoors and outdoors,
- In the fire-resistant insulation of electrical wiring and plumbing pipes.
- Fire-resistant sealing is applied in the desired moving joints.

Technical Specifications

Base	Ostima
Consistency	Putty
Density (DIN 53479)	1,28 ± 0,01 g/cm ³
Modulus of Elasticity 100% (DIN 53504)	~ 0.30 N/mm ²
Elastic Return	> 90%
Yield – On Vertical Surface (ISO 7390)	< 3mm
Volume Loss	< %5
Shell binding time	10 (23 °C / 50 % r.h.)
Drying Speed	2 mm/24 hr. (23 °C / 50 % r.h.)
Elongation at rupture (ISO 8339)	> 700%
Max stress (DIN 53504)	0.2 N/mm ²
Shore A Hardness (DIN 53505)	25
Application temperature	+5 °C to +40 °C
Service Temperature	-40°C to +100 °C
Output Speed	260 gr/min.

COLOR OPTIONS

- WHITE



SURFACE PREPARATION

- Surfaces that will come into contact with silicone must be solid, clean and dry; it must be free from oil, dust and rust.
- If there is previously applied filler material on the surfaces, it should be removed by mechanical methods.
- It is recommended to draw masking tape around the application joints. The retracted masking tape should be removed immediately after application.
- Some synthetic and painted surfaces may require priming, but lining is not required on nonporous surfaces such as tiles, ceramics and glass.



JOINT DESIGN

The width of the joint should be from 6 to 20 mm,

The depth of the silicone to be applied depends on the width size. For widths up to 12mm, apply 6mm deep silicone. For wider joints, the joint width of the silicone should be calculated so that it is 2 times the depth. Polyethylene filler wicks with a diameter appropriate to the joint width should be placed in the joint to prevent 3-sided adhesion of the filler material and to fix the distance.



APPLICATION

- Kartuşu silikon tabancasına yerleştiriniz.
- Derzlerin bir defada ve boşluk kalmadan düzgün bir uygulama ile doldurulması gerekir.
- Silikon kabuk bağlamadan önce uygun bir spatula veya düzeltme aparatı ile düzeltiniz.
- Maskeleme bandını çıkarınız.
- Etrafa bulasan silikonu kurumasına imkân vermeden uygun bir temizleyici ile temizleyiniz.
- Kürlenme tamamlandıktan sonra silikon ancak mekanik olarak temizlenebilir.



PACKAGING OPTIONS

Gross 3100 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

Since silicone is a single component, it can only dry out by reacting with moisture in the air. It will not dry out in enclosed spaces where contact with air is not possible. Not suitable for PE, PP, PTFE, neoprene and bitumen surfaces. It cannot be painted. It is not anti-bacterial.



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.