

It is a single-component, elastomeric, neutral curing high-quality silicone developed for the production of double glazing units. It is a superior sealing and filling material with excellent adhesion properties. Solvent-free.

GENERAL FEATURES

- One-component, easy to apply,
- It is 100% silicone and solvent-free,
- Does not collapse in vertical joints,
- Excellent adhesion to glass, metal, aluminum and galvanized steel,
- Does not contain solvents, does not shrink,
- Resistance to weather conditions and UV,
- Compatible with mastics used in the manufacture of double glazing,
- It is resistant to UV and does not turn yellowing,

APPLICATION AREAS

- Designed for secondary sealing of IG units, and PIB is used in conjunction with primary sealant,
- In the expansion joints of curtain walls
- On the windowsills
- Connection and expansion joints
- For filling and sealing applications in marble, granite and other natural stones and sensitive metals
- Suitable for window, door and joinery installation

Technical Specifications

Base	Silicone
Consistency	Putty
Density (DIN 53479)	1,35 ± 0,05 g/cm ³
Modulus of Elasticity 100% (DIN 53504)	~ 0.35 N/mm ²
Elastic Return	> 95%
Yield resistance vertical (ISO 7390)	< 3mm
Shell binding time	10 min. (23 °C / 50 % r.h.)
Drying Speed	2-3 mm/24 hr. (23 °C / 50 % r.h.)
Elongation at rupture (ISO 8339)	> 200%
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

COLOR OPTIONS

- BLACK





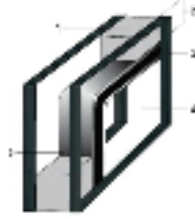
SURFACE PREPARATION

- The glass must be solid, clean and dry, it must be free from oil, dust and rust.
- The slats should be clean and dry, there should be no impurities on them.
- For surface cleaning, it is recommended to use special cleaners.



DOUBLE GLAZING UNIT

- 1.Secondary Sealing Mastic
- 2.Secondary Sealing Mastic Depth
- 3.Primary Sealing Mastic PIB
- 4.Glass
- 5.Gap Slats



APPLICATION

- Depending on the production; use with manual pistol, air pistol or any industrial device,
- After application, clean the tools,
- It should be ensured that the recommendations of the users' authority bodies are followed,



PACKAGING OPTIONS

Gross 600 ml sausage
Package: 20 pcs sausage



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

- It cannot be used in structural silicone façade bonding applications.
- It is not suitable for materials such as PE, PP, PTFE, soft plastic or neoprene.
- The speed of curing of mastic depends on the relative humidity and air temperature.



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.