

TKK SEAL MIRROR ADHESIVE



NEUTRAL, SILICONE-BASED ADHESIVE USED FOR MIRROR MOUNTING APPLICATIONS.

PROPERTIES

- For mounting mirrors on various substrates such as enamel, glazed tiles, varnished wood and glazed klinker.
- The adhesive does not slump in vertical applications.
- Excellent adhesion to most construction material without primer application.
- For good adhesion onto porous materials use TKK SEAL silicone & hybrid primer.
- Good mechanical properties.
- Resistant to various chemicals.
- Does not cause corrosion.
- Colour: white.

USE

- For mounting mirrors on various surfaces.

TECHNICAL DATA

Fresh sealant

Basis		neutral oxime silicone
Curing mechanism		by air humidity
Appearance		paste
Specific gravity		1350 ± 10 kg/m ³
Skin formation time	23 °C/50 % rel. humid.	7 min.
Hardening time	23 °C/50 % rel. humid.	2 mm/day
Resistance to flow	SIST EN 27390	0 mm
Application temperature		between +5 °C and +40 °C

Cured sealant

Hardness Shore A	ISO 868	35-45
Tensile strength	EN 28339	0.80-1.0 MPa
Module E 100 %	ISO 28339	> 0.7 MPa
Elongation at break	EN 28339	150-250 %
Tensile strength	ISO 37 rod 1	> 1.70 MPa
Elongation at break	ISO 37 rod 1	> 250 %
Change in volume	ISO 10563	< 10 %

Elastic recovery
Temperature resistance

SIST EN 27389

> 90 %
between -40 °C and +180 °C

APPLICATION

Prior to use it is recommended to perform a test to verify adhesion of the adhesive to the substrate.

Surface preparation:

The surface must be dry, hard, clean, dust and fat free. Remove all separated and badly attached pieces.

Method of application:

- TTK SEAL MIRROR ADHESIVE is always applied in thin vertical lines [about 10 mm] about 20 cm apart straight from the cartridge with a hand-held or pneumatic gun on the back side of the mirror.
- There is a rule concerning the thickness of the mirror: for a kilo of mirror material we need 20 cm of silicone line. For example: For a 100 x 100 cm mirror which is 4 mm thick [about 10 kgs], we need 200 cm of silicone line [which means 3 x 70 cm]. With a mirror 8 mm thick, the consumption doubles, 6 x 70 cm.
- Press the mirror onto the underlying material and prevent slumping with a stand. Stop the mirror from coming off by securing it with a masking tape. Be careful not to stop the vertical airflow.
- The stand may be removed after 48 hours.
- If you wanted to carry out any sealing applications this can only be done after one week.
- Fresh sealant and tools can be cleaned with the TTK CLEAN PROTECT tool cleaner, hardened sealant should be removed mechanically first and then with a cleaner for hardened silicone - TTK CLEAN PROTECT silicone remover.

PACKAGING

- 300 ml cartridge.
- 200 l drum.
- Other packagings are available by agreement.

STORAGE

12 months in a dry and cold place under 25 °C in originally closed packaging.

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TTK distributor for a copy.

WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.



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