



# TEKAFIKS

## For mirrors



TEKAFIKS for mirrors is a permanently elastic, neutral, silicone, one-component sealant used for gluing mirrors

### PROPERTIES

- Does not slump on vertical surfaces
- Has excellent adhesion on most construction materials without a primer
- For better adhesion onto porous materials use the primer KVZ 16
- Good characteristics
- Movement accommodation up to 20%
- Chemical resistant
- Does not cause corrosion
- Colour: white, grey

### USE

- For gluing mirrors onto various surfaces like glazed tiles, varnished wood, glazed brick tiles

### TECHINCAL DATA

#### Uncured sealant

Basis		neutral oximic silicone
Form		paste
Curing mechanism		moisture curing
Specific gravity		1430 ± 10 kg/m <sup>3</sup>
Skin formation time	23°C/50% rel. humid	5 - 20 min
Hardening time	23°C/50% rel. humid	2 mm/day
Resistance to flow	ISO 7390	0 mm
Application temperature		+5°C to+ 40°C

#### Hardened sealant

Hardness Shore A	ISO 868	15 - 30
Tensile Strength	ISO 8339	0,40 - 0,60 MPa
Module E 100%	ISO 8339	0,30 MPa
Elongation at break	ISO 8339	150 - 200%
Tensile strength	ISO 37 rod 1	> 1,30 MPa
Elongation at break	ISO 37 rod 1	> 250%
Change in volume	ISO 10563	< 10%
Elastic recovery	ISO 7389	98%
Temperature resistance		-40°C to +180°C

---

## APPLICATION

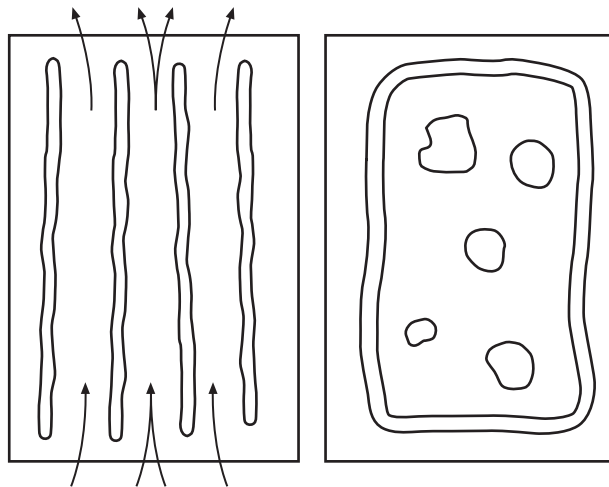
---

### Surface preparation:

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

### Application:

- Tekafiks for mirrors 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 (Picture 1)



correct sealing

incorrect sealing

- 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 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 masking tape. Be careful not to stop the vertical airflow.
- Remove the stand only after 48 hours.
- Begin sealing only after one week.
- Fresh glue and tools can be cleaned with the Tekafin cleaner, hardened glue must be removed mechanically and later with cleaners for hardened silicone - Tekapursil S or Apursil.

---

## PACKING

---

- 300 ml cartridges (20 pieces in carton)
  - 200 l barrels
- Other ways of packaging available on demand.

---

## STORAGE

---

12 months in a dry and cool storage place at temperatures between + 5 °C and + 25 °C in the originally sealed package.

---

## SAFETY PRECAUTIONS

---

Kepe out of the reach of children. Wear suitable protective clothing. Wear suitable gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use only in well-ventilated areas. The mirror which we glue must be accordance with the european standard DIN EN 1036.

---

## ATTENTION

---

Our tests have been made on mirrors of established manufacturers. We cannot guarantee that there will be no stain on the mirror as the application must measure at least 70 mm and must not be damaged. Because of a wide variety of mirrors and ways of applying we recomend prior testing. The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Properties quoted are intended, as a guide and do not therefore constitutes a specification. You should thoroughly test any application to be sure that product corresponds to the required performances.