



900N MIRROR SILICONE SEALANT

High performance neutral cure silicone which is particularly designed for bonding the mirrors in all kinds and sizes without harming the mirror. A bonded mirror is safer because there is no risk of large pieces of glass falling in the event of breakage.

FEATURES & BENEFITS

- **Highly elastic, +/-25% movement capability,**
- **Excellent primerless adhesion to numerous porous and non-porous substrates,**
- **Safer mirror construction with non-corrosive properties**
- **Permanently elastic,**
- **Fast curing,**
- **%100 Silicone, solventless**
- Solvent free, very low odor,
- Adjustable, easy to apply,
- High viscosity non slump formula.
- One component moisture-cured,
- Excellent tooling properties,
- Resistant to temperature extremes (-60 °C to +180 °C)

APPLICATION AREAS

- **Mirror walls in shops, restaurants, gymnasiums,**
- **Bonding mirrors to sound plaster, concrete, wood etc.,**
- **Bonding mirrors to doors or ceramic wall tiles.**

INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +5 °C and +40 °C.
- If more than one mirror will be bonded, min 1-2 cm space should be left between mirrors. (For air circulation).
- If the sealant will be applied on a vertical surface, it should be between 3-5 mm thick , 10-30cm long (depends on the length of mirror) and approximately 3-7 cm space should be left between sealant lines.
- Sealant applications like circle or rectangle shaped would block the air circulation. Because of this, in course of time, degradation of mirror might happen.
- In 5-10 minutes the mirror has to be bonded to the surface after sealant application.



Mount
everykinds of
mirrors to walls,
sound plasters,
concrete, wood,
doors, ceramic
tiles and more



- After bonding, for preventing the mirror from slipping down, the mirror should be fixed with tool like a tape etc. For a better bonding, this fixing application should be done vertical, not horizontal.
- For full curing, at least 24 hrs should be waited after application (depends on thickness of sealant, humidity in the air and temperature).
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

Surface Preparation

SUBSTRATE: The wall or ceiling should be clean, dry, dust and grease free. Remove any lose material and repair unsound plaster. On dusty and porous surfaces priming can be necessary.

MIRROR: Clean painted side of mirror with methylated spirit.

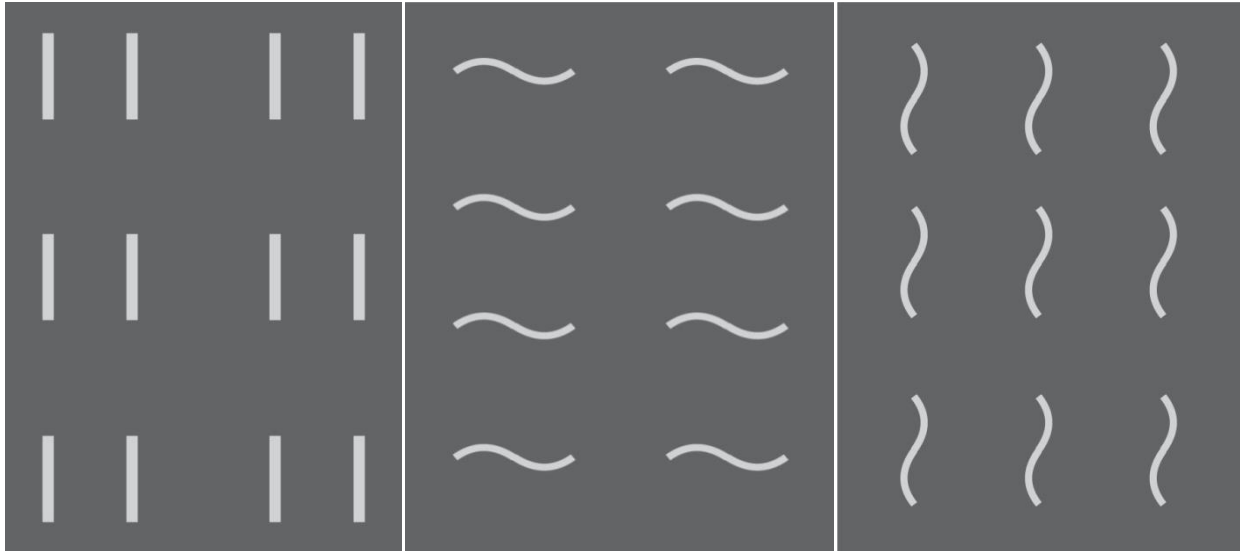


Figure 1: Correct applications

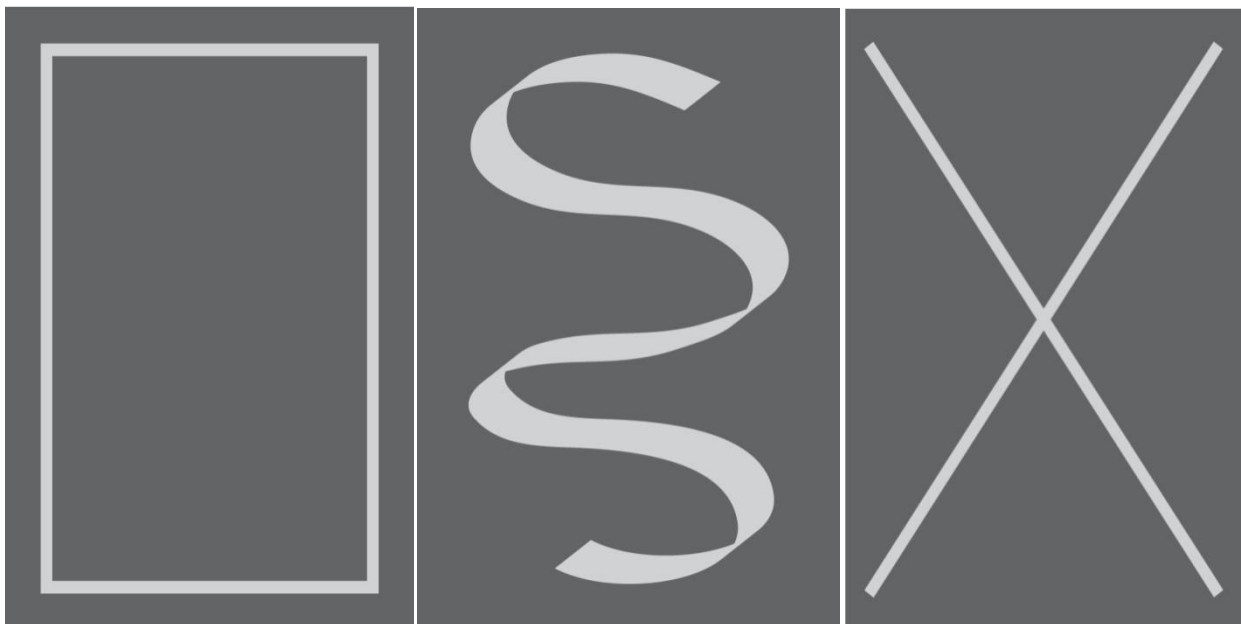


Figure 2: Wrong applications



STANDARDS

Meets or exceeds the requirements of the following specifications:

- The French VOC requirements for class A+
- Şişecam certified according to TS EN 1036-1
- The requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

RESTRICTIONS;

- Do not use if the mirror is backed with plastic safety film.

STORAGE AND SHELF LIFE;

The shelf life is 15 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C. Check MSDS guidelines for disposal and further information concerning safety.

SAFETY & DISPOSAL

Inhalation of the sealant vapor for a long period must be avoided. The application area must be ventilated properly. The uncured sealant must not be contacted for a long period. Cured silicone rubber bears no risk to health.

PROPERTIES

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density	: 1.00± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 17-25 (after 28 days)	
Tensile Strength	: ≥ 1 N /mm ² (23°C and 50% R.H)	(ASTM D412)
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Efficiency	: Approx. 10 meters. (For 10 mm width 3mm thickness)	
Elongation At Break	: ≥ 400%	(ASTM D412)
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	
Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	



PRODUCT

Product Type	Volume	Package
Transparent	310ml	24

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.