

MIRROR SILICONE SEALANT

1 – DESCRIPTION

Mirror Silicone Sealant is a neutral cure silicone sealant designed particularly for bonding mirrors.

2 – PROPERTIES

- Non-corrosive to mirrors.
- One component, moisture-cured.
- Resistant to temperature extremes (-60 °C to +180 °C)
- Fast curing
- Highly elastic
- %100 Silicone, solventless
- Very low odour

3 - APPLICATIONS

- Bonding mirrors
- Glazing works
- Sealing applications where a low odour is required

4 - INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and Grease free.
- The application temperature must be between +5 °C and +40 °C.
- In order to reduce the deformations of the joints, their depth must be much less than their width, minimum dimensions are 5x5 mm, for wider joints the depth should be preferably half of the width and it is adjusted by the use of a back up material.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically

5- PACKAGING

Product	Volume	Package
Transparent	310ml	30

6- STORAGE AND SHELF LIFE

12 months if stored in dry and cool conditions.

7- RESTRICTIONS

- Mirror Silicone Sealant is not over paintable
- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture
- Avoid direct contact to food

8- SAFETY

- Inhalation of the sealant vapour for long periods must be avoided. The application area must be ventilated, properly. The uncured sealant must not be contacted for long periods.

9- TECHNICAL PROPERTIES

Basis	: Silicone Polymer	
Curing System	: Neutral	
Density	: 1.00± 0.02 g/ml	(ISO 1183)
Hardness Shore A	: 20-30 (after 28 days)	(ASTM C661)
Tensile Strength	: 0.3 - 0.4 N/mm ² (23°C and 50% R.H)	(ASTM D412)
Skin formation	: 5-15 min. (23°C and 50% R.H)	(ASTM C679)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Elongation At Break	: > 350%	(ISO 8339)
Elastic Recovery	: ≥ 60%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	