



ELASTOTET S.A.

SEALING & ADHESIVE MATERIALS

Silicone, Acrylic & Polyurethane Sealants

S MIRROR

S MIRROR is a one-part mirror adhesive with excellent adhesion and long self-life.

- Ready to use
- Non-sag
- Flexible at low (-40°C) and high temperatures (+120°C)
- Excellent weatherability
- Low shrinkage on curing

PHYSICAL PROPERTIES

- Neutral curing system: almost odourless.
- Primerless adhesion to most materials.
- Good tooling characteristics.
- Non corrosive to metals.
- Suitable for alkaline substrates such as concrete, mortar, fibrous cement.
- Compatible with water-based and solvent-based coatings.
- Long self life

APPLICATION FIELDS

It is especially suitable for adhering MIRRORS (because it does not attack the silver-plating and because it has very good adhesion on the usual substrata used for placing mirrors, like novopan, walls painted with oil or plastic paints, concrete, etc.).

TECHNICAL PROPERTIES

Unvulcanized rubber

Density at 23oC:	approx. 1,03 g/cm ³
Consistency:	non-sag
Skin-forming time at 23°C/50% r.h.:	10-25 min
Vulcanisation rate at 23°C/50% r.h.:	2 mm/day

Vulcanised rubber

After 4 weeks' storage at 23oC/50% rh	
Tensile strength (DIN 53504-S1):	approx. 1,3 N/mm ²
Ultimate elongation (DIN 53504-S1):	approx. 600%

Modulus at 100% elongation (DIN 53504-S1): approx. 0,6 N/mm²
Hardness, Shore A: approx. 18
Recovery 100% extension (ISO 7389): 98%
Joint movement capability: ±25%
Temperature resistance: -40 to +120°C

SPECIAL INSTRUCTIONS FOR ADHERING MIRRORS

1. The surface on which the mirror is to be adhered is cleaned from dust and loose particles. ATTENTION: the surface must be completely dry.

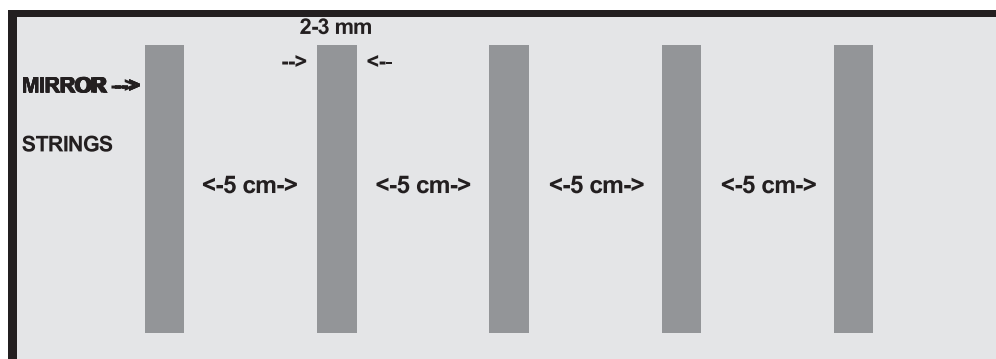
The suitability of the surface is very important to the adhesion of the product. The surface should belong to the following categories of substrata: novopan, walls painted with oil or plastic paints, concrete, wood, plaster. For any kind of surface different from the above mentioned, it is recommended to test the adhesion.

2. The nozzle of the cartridge is cut slantwise to form an opening with a 2-3 mm diameter.

3. Strings of material are formed on the surface on which the mirror is to be adhered. The strings must be parallel and in vertical direction, with 5-6 cm intervals. The stripes should not be incontact with each other, so that air can circulate between the mirror and the substratum and the material can be cured.

4. The mirror is pressed hard against the strings of the material, so that the strings are turned to stripes. It should then be fastened with self-sticking tape until the material is cured and adhered completely to the substratum (the material is cured after 2-3 days at least, depending on weather conditions).

APPLICATION DIAGRAMM MIRROR



STORAGE STABILITY

S MIRROR has a shelf life of at least 12 months if stored in a cool (below 25oC), dry place in moisture-tight containers.

If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.

Warning to users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELASTOTET GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELASTOTET is at their disposal to supply any additional information.