



ELASTOTET S.A.

SEALING & ADHESIVE MATERIALS

Silicone, Acrylic & Polyurethane Sealants

ELASTOBOND

One-component sealant/elastic adhesive, based on hybrid polymers, which cures with reaction with humidity and adheres on the substrates that it is applied.

COLOURS : White, Grey, Black

PROPERTIES

- Excellent adhesion to most common materials without primer
- Ease of use at temperatures +5 - +45 °C
- Neutral curing system. It does not release any toxic substances during polymerization.
- Odourless
- Non-corrosive to metals
- High mechanical strength
- Excellent resistance to ageing and UV radiation
- Non-staining
- Paintable with most common paints
- It does not contain solvents
- Very low shrinkage after polymerization
- Fast cure

TECHNICAL PROPERTIES

A. Uncured material

- Thixotropic paste : it does not sag
- Skin forming time : 30-45 min (23 °C, RH 50%)
- Curing speed : 3 mm/24 h (23 °C, RH 50%)
- Density : 1,5 gr/cm³

B. Cured material

- Temperature resistance : up to +90 °C
- Shore A Hardness : 40
- Tension at 100% extension (ISO 8339) : 0,45 N/mm²
- Tensile strength (ISO 8339) : 1 N/mm²
- Elongation at break (ISO 8339) : 500%
- Joint capability movement : 25%

AREAS OF APPLICATION

Sealing and bonding applications on most common substrates such as : metals, concrete, plastics, coated aluminium, glass, etc. It is suggested for bonding mirrors because it cures rapidly and it does not attack the silver plating.

INSTRUCTIONS OF USE

The substrates should be clean and free of dust and grease. The wetting of the substrate with water speeds up the cure.

SHELF LIFE

The shelf life is 12 months from the production date if kept in cool and dry areas.

LIMITATIONS

It is not suitable for permanent immersion in water and contact with food.

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.