

ELASTOBOND TRANSPARENT

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 : Transparent

PROPERTIES

- ❖ Very high transparency (**crystal clear**)
- ❖ 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
- ❖ Good resistance to ageing and UV radiation
- ❖ 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 min (23 °C, RH 50%)
- ❖ Curing speed : 2 mm/24 h (23 °C, RH 50%)
- ❖ Density : 1,05 gr/cm³

B. Cured material

- ❖ Temperature resistance : up to +90 °C
- ❖ Shore A Hardness : 30
- ❖ Tension at 100% extension (ISO 8339) : 0,73 N/mm²
- ❖ Tensile strength (ISO 8339) : 1 N/mm²
- ❖ Elongation at break (ISO 8339) : 130%
- ❖ Joint capability movement : 20%

AREAS OF APPLICATION

Sealing and bonding applications on glass elements. ELASTOBOND Transparent exhibits very good adhesion on most common substrates such as : metals, 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.

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

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