



TECHNICAL SHEET

ELASTOBOND CRYSTAL CLEAR



ONE-COMPONENT SEALANT/ELASTIC ADHESIVE, BASED ON HYBRID POLYMERS (SILYL MODIFIED POLYMERS), WHICH CURES WITH REACTION WITH HUMIDITY AND ADHERES ON THE SUBSTRATES THAT IT IS APPLIED.

PHYSICAL 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, silicone and isocyanates.
- 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/cm ³
B. Cured material	
Temperature resistance	up to +90 °C
Shore A Hardness (ISO 868)	30
Tension at 100% extension (DIN 53504)	0,92 N/mm ²
Tensile strength (DIN 53504)	1,8 N/mm ²
Elongation at break (DIN 53054)	220%

AREAS OF APPLICATION

Suitable for general sealing and bonding applications. ELASTOBOND CRYSTAL CLEAR exhibits very good adhesion on most common substrates such as : metals, plastics, coated aluminium, glass, etc. It is especially suitable for sealing and joining applications on glass structures. It is also suitable for bonding mirrors because it cures rapidly and it does not attack the silver plating.

INSTRUCTIONS OF USE INSTRUCTIONS

1. The substrates should be clean and free of dust and grease.
2. Highly porous substrates should be primed with PRIMER VL in order to improve the mechanical properties of the substrate.
3. The joining of the elements should be performed before the skin formation of the adhesive.
4. The thickness of the adhesive should not be less than 2 mm.

COLOUR:

Transparent

LIMITATIONS:

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

PACKAGING:

Cartridges of 280 ml.

SHELF LIFE:

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

WARNING TO USERS

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