



ELASTOBOND HIGH TACK

One-component high strength adhesive, based on Silyl Modified Polymers, which cures by reaction with moisture. It replaces screws and nails, without requiring any kind of complementary temporary fixation, since it exhibits an extremely high initial grab.

COLOUR : White. Other colours available upon request.

SHELF LIFE : 12 months in original sealed cartridges when stored in cool and dry areas.

PROPERTIES

- ❖ Excellent adhesion to most common substrates, porous or non-porous, even without primer.
- ❖ Ease of use at temperatures +5 - +35 °C
- ❖ Fast curing mechanism
- ❖ Permanently elastic, absorbs minor movements or vibrations.
- ❖ Excellent immediate grab.
- ❖ Extremely high mechanical properties (high tensile strength).
- ❖ Excellent resistance to ageing and UV radiation
- ❖ Good adhesion even on moist substrates
- ❖ Excellent water resistance (even for sea water).
- ❖ High temperature variation resistance : -40 - +100 °C
- ❖ Neutral curing system and almost odourless. It does not release any toxic substances and it is free of solvents, isocyanates or silicone.
- ❖ It is non-corrosive to metals and does not attack the mirror backing.
- ❖ Paintable with most common paints (paintability tests should be performed with alkyd paints).
- ❖ Very low shrinkage after polymerization.

TECHNICAL PROPERTIES

A. Uncured material

- ❖ Thixotropic paste : it does not sag
- ❖ Initial grab : 40 gr (25 ml) of adhesive can hold up to 20 kg of weight on vertical surfaces.
- ❖ Skin forming time : 10-15 min (23 °C, RH 50%)
- ❖ Curing speed : 3 mm/24 h (23 °C, RH 50%)
- ❖ Density : 1,5 gr/cm³

B. Cured material

- ❖ Shore A Hardness : 65
- ❖ Tension at 100% extension (DIN 53504) : 1,55 N/mm²



- ❖ Tensile strength (DIN 53504) : 2,65 N/mm²
- ❖ Elongation at break (ISO 8339) : 380%

AREAS OF APPLICATION

ELASTOBOND HIGH TACK is ideal for assembly in construction, industrial or naval applications. Due to its permanent elastic properties, it is especially suitable for bonding different materials. It is also suitable for applications with dynamic loads (cars, cruising boats, machinery, etc.). The inherent elastic nature of the adhesive permits the absorption of vibrations without being fractured, exhibiting at the same time significant acoustic insulation.

ELASTOBOND HIGH TACK adheres perfectly without primer on most common substrates such as : glass, wood, metals, aluminium coated or uncoated, mirrors, concrete, PVC, polycarbonate, ABS, etc. At the same time, it fills and seals gaps, cracks or joints.

INSTRUCTIONS OF USE

1. The substrates should be clean and free of dust and grease.
2. Apply the adhesive in parallel stripes with distance of 3-5 cm in between.
3. The two parts should be joined together within the skin formation time of the adhesive.
4. Do not use nozzles with thin opening. Use only the special nozzle provided with each cartridge.
5. Press the two surfaces joined surfaces evenly and firmly.
6. Avoid the application of detaching forces until the adhesive hardens (for at least 24 hours).
7. Uncured material can be removed with a cloth wetted with benzene or diesel oil. Fully cured material can only be removed mechanically.

LIMITATIONS

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

PACKAGING

Cartridges of 280 ml. Sausages of 400 ml and 600 ml.

WARNING TO USERS

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