



ISOFIX ACRYLIC



ONE COMPONENT ELASTOMERIC SEALANT BASED ON ACRYLIC RESINS IN WATER DISPERSION WITH GOOD RESISTANCE TO UV AND WEATHERING. AFTER APPLICATION, THE WATER, WHICH THE SEALANT CONTAINS, EVAPORATES INTO OPEN AIR. AFTER THE EVAPORATION, THE SEALANT TURNS TO A COHESIVE PLASTOELASTIC MASS WHICH ADHERES TO THE SIDES OF THE JOINT.

PHYSICAL PROPERTIES AND ADVANTAGES

- Easy to apply. High extrusion rate.
- Long-lasting performance.
- Suitable for interior and exterior use.
- Adhesion on slightly damp surfaces.
- Can be overpainted with most water-based and synthetic paints.
- Excellent UV resistance.
- Almost odourless.
- Non corrosive to metals.

TECHNICAL PROPERTIES

Colours	White. It can be painted after curing.
Density	1,70 g/cm ³
Application temperature	+5 °C - +40 °C
Frost resistance during transportation	-15 °C
Surface membrane formation time	15 - 20 min
Curing time for 5 mm sealing depth	4 - 5 days (depending on environmental condition)
Temperature resistance	-20 °C - +70 °C
Elongation at break (DIN 53504):	ca. 340%
Joint movement capability	12.5%
Modulus 100% (DIN 53504)	0,40 N/mm ²
Hardness SHORE A (DIN 53505) (3S)	35 ± 3.
Thixotropy	Suitable for sealing vertical joints (it does not sag).

APPLICATION FIELDS

It is especially suitable for joints of materials with both absorbent (concrete, gypsum board, wood, brick, etc.) and non-absorbent (aluminium, PVC, steel, etc.) surfaces in interior and exterior areas, such as joints between windows and sills, window- or door- frames (aluminium, wood or PVC) and walls, wall cracks etc. It is generally suitable for joints of medium distortion (up to 12%). It is not suitable for sealing of joints permanently immersed in water (water tanks etc.).

APPLICATION INSTRUCTIONS

The environmental temperature must not be below 5 °C during application.

PREPARATION:

The substrate must be free of dust and loose particles. Cleaning by means of a wire-brush and blowing with compressed air, if available, is recommended. For highly absorbent substrates, the joint walls should be primed with **ELASTOTET PRIMER VL** or with ISOFIX ACRYLIC diluted with water (1 part acrylic sealant + 2 parts water). To avoid the soiling of the joint edges we put self-sticking paper tape (masking tape) along the edges. This tape must be removed immediately after sealing (before curing of the sealant).

SEALING:

We put the cartridge/sausage into the suitable gun, cut the nozzle slantwise to form an opening proportional to the joint width and apply the sealant into the joint. The smoothing of the surface of the sealant, if needed, must be done with a spatula immediately after application, because after about 5 minutes the surface membrane formation begins. We, also, remove the masking tape before membrane formation. During high temperature and low humidity conditions, the sealant will develop a skin immediately without providing enough time for smoothing the surface. The surface of the sealant which has already formed a skin can be easily smoothed with a cloth or brush soaked in soapy water. If the sealant needs to be overpainted, we recommend a preliminary compatibility test between the sealant and the paint. In general, it is preferable to use elastic paints in order to avoid cracking.

CLEANING OF TOOLS AND HANDS:

Unless dry, the sealant is easily removed with water (preferably hot). If dry, it is removed mechanically (by scraping). ISOFIX ACRYLIC is normally harmless and it does not need special precautions during application.

CURING:

It begins immediately after application (contact with air) and is completed after one month (approximately), when the sealant obtains its final properties.

SHELF LIFE:

18 months in original packing between 5 and 25 °C.

Packing: 260 ml cartridge.

WARNING TO USERS

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