

# SEALAC

One component highly elastic elastomeric sealant based on acrylic resins in water dispersion with good resistance to UV and weathering.

## PHYSICAL AND TECHNICAL PROPERTIES

**Colours:** White and Grey. It can be painted after curing.

**Density :** 1,52 g/cm<sup>3</sup>

**Surface membrane formation time:** 10-15 min

**Curing time for 5 mm sealing depth:** 4-5 days

(depending on environmental condition)

**Elongation at break (DIN 53504) :** ca. 500%

**Modulus 100% (DIN 53504) :** ca. 0,15 N/mm<sup>2</sup>

**Hardness SHORE A (DIN 53505) (3S) :** 20±3

**Thixotropy:** Suitable for sealing vertical joints (it does not sag).

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.

## APPLICATION FIELDS

It is especially suitable for joints of materials with absorbent (porous) surface in interior and exterior places, as between windows and sills, window- or door- frames (aluminium, wood or PVC) and walls, wall cracks etc. SEALAC is suitable for joints with working width change 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.

Days of rain possibility must be avoided, because during the first hours after application the material must not be exposed to rain.

**Preparation:** The substratum must be free of dust and loose particles. Cleaning by means of a wire-brush and blowing with compressed air, if available, is recommended.

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.

**Cleaning of tools and hands:** Unless dry, the sealant is easily removed with water (preferably hot). If dry, it is removed mechanically (by scraping). SEALAC 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:** 12 months in original packing between 5 and 25 °C.

**Packing:** 280 ml cartridge, 400 ml and 600 ml sausage.

#### **Warning to users**

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