

# BIOSAN SEALANT

## TECHNICAL DATA SHEET

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### ► DESCRIPTION

Waterbased bactericidal elastic jointing paste based on acrylic dispersions.

### ► APPLICATION

Sealing, jointing, filling, fixing, glueing on concrete, wood, metal, glass, hard PVC, tiles, plaster, alu-bitumen ...

### ► FEATURES

Forms a rubberlike mass with permanently high elasticity (> 900 %) after evaporation of the water - can absorb strong expansions and deformations - alkali resistant - waterproof - very good adhesion - easy application.

Helps to maintain a hygienic environment.

### ► TECHNICAL DATA

Binder	:	plastified acrylic styrene resins
Finish	:	satin gloss
Gloss (60°)	:	± 15
Colour (s)	:	white
Solids content (ASTM, D1644/a)	:	in volume : 64 - 67 % in weight : 72 - 75 %
Density (ASTM, D1475, 20°C)	:	± 1,3 g/cm <sup>3</sup>
VOC-content (Volatile Organic Compounds)	:	max. 5 g/l
Consumption per cartridge	:	For a joint of 10 mm wide and 15 mm deep : ± 6 metres run. Jointing paste has to be applied in max. 10 mm wet film thickness.
Thickness wet film	:	max. 10 mm
dry film	:	max. 6,5 mm
Drying times	:	3 hours, film thickness 8 mm
(for t° 20°C)	:	1 day, film thickness 8 mm
(for R.H. 60%)	:	± 1 week, film thickness 8 mm
Flashpoint (DIN53213)	:	not flammable
Miscellaneous items	:	Biosan Sealant can be recoated with the following paints : Biosan Aqua Matt, Biosan Aqua Satin and Biosan Aqua Gloss.

## ► INSTRUCTIONS FOR USE

Ambient conditions	:	Minimum temperature : 5°C. Max. Relative humidity : 80 %.
Dilution	:	forbidden
Cleaning tools	:	Water. After drying Biosan Sealant can only be removed mechanically or softened with a synthetic thinner; then remove by rubbing or scratching.
Tools	:	Manual spraygun (nozzle free to choose) - spatula, palette knife, glue spreader (combed lime rills ± 3 mm thick).
Particulars	:	<ol style="list-style-type: none"><li>1. Joints have to be smoothened with a finger or with a cloth soaked in Thinner 22 or in water (+ soap).</li><li>2. The surface in contact with the air must be sufficiently large, since Biosan Sealant is to be transformed into a rubberlike mass by evaporation of the water.</li><li>3. On porous surfaces, always use an appropriate primer.</li><li>4. The use of Biosan products does not exclude the necessity to clean and disinfect on a normal and regular basis.</li></ol>

## ► PREPARATION OF THE SUBSTRATE

Grind out fine cracks in V-shape till about 0,5 cm wide; if depth > 1/2 x width, apply a back filling. The crack edges must be primed with Parafix, Pegafix or Vernac (diluted with Thinner 22). Hard PVC is to be primed with Primer 44 diluted with 30 % Thinner 22, metal and glass with diluted Noxyde.

## ► ADDITIONAL INFORMATION

Transport codes	:	see MSDS
Packing	:	Cartridges of 310 ml (24 pieces per carton)
Storage stability	:	At least 2 years, provided the original tin is properly sealed and kept in a cool, dry and frostfree place.
AFNOR Classification	:	Group IV, class 3

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*"As for the precautions of use, hygiene and safety, please consult our Material Safety Data Sheets - available on request at our Technical Service".*