



# High-Q Sanitary Mould Proof Sealant

## Description

Sanitary Mould Proof Sealant is a highly durable, mould proof sealant based on AST containing a powerful fungicide. It has powerful adhesion on most of the building materials used in sanitary areas. Thanks to its unique environmentally friendly formulation, it provides long-lasting and permanent sealing for all sanitary area applications.

## Properties & Features

- Contains powerful fungicide - Excellent mould resistant.
- Environmentally friendly  
Solvent, isocyanate, silicone, and phthalate free formulation
- Completely odourless curing
- 100% waterproof & weatherproof seal
- Stretches over 500% - Crackproof
- Very easy to apply, tooling and clean up
- High durability
- Excellent adhesion to most Building materials used in sanitary areas
- Over-paintable with most of the paint types  
(Preliminary test always recommended)

## Fields of Application

General sealing in areas subject to high humidity levels, sealing of kitchen basins, bathroom basins, and bathtubs, sealing in air conditioning systems.

Suitable for the surfaces specified below;

Brass	Concrete	Plaster	Glass
Anodized Aluminium	Drywall	Wood	Ceramic tile
Marble	Stucco	Composite Wood	Porcelain

## Product Information

<b>Packaging</b>	280 ml, 300 ml PE cartridge
<b>Shelf Life</b>	15 months
<b>Storage Conditions</b>	Store in cool and dry conditions between +5°C and +25°C
<b>Colour</b>	Transparent, Translucent, White, Black, Grey, Aluminium, Beige, Anthracite, Bronze, Ivory



### Technical Data

Uncured Sealant	Method / Conditions	Value
<b>Curing Mechanism</b>	Physical drying	
<b>Consistency / Sagging</b>	ISO 7390	Non-sag thixotropic paste / 0 mm
<b>Density</b>	ISO 1183-1	1,07 ± 0,03 g/ml
		1,10 ± 0,03 g/ml (Gilded colours)
<b>Skin Formation Time</b>	Internal (23 °C and 50% R.H)	30 ±5 min. (Translucent & Coloured)
		10 ±5 min. (Clear)
<b>Drying Rate</b>	Internal (23 °C and 50% R.H)	Min. 2 mm/day
Cured Sealant		
<b>Shore A hardness</b>	ISO 868	35 ±5
<b>Elastic Recovery</b>	ISO 7389	Approx. 70%
<b>Total VOC content</b>	SCAQMD rule 1168	<45 g/L
<b>Loss of Volume</b>	ISO 10563	40 ±2%
<b>Movement capability</b>	ISO 9046	± 12,5%
<b>UV resistance</b>	ASTM C-732 (500 hours)	Pass
<b>Modulus at 100% elongation</b>	ISO 37 (4 mm thickness) (45 days 23 °C and 50% R.H)	> 0,4 N/mm <sup>2</sup>
<b>Tensile strength</b>		1,25 ±0,25 N/mm <sup>2</sup>
<b>Elongation at break</b>		> 500%
<b>Service temperature</b>		Between -20°C and +70°C
<b>Application temperature</b>	(Ambient and surface)	Between +5°C and +35°C

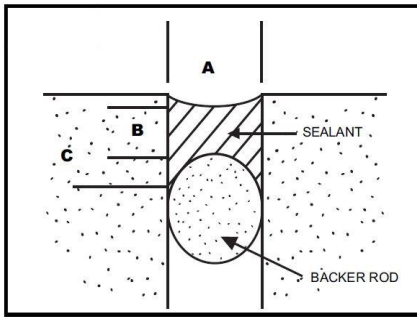
### Directions for Use

#### Surface preparation and sealant application;

- A. **Cleaning and joint preparation:** Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion. Non-porous surfaces (such as aluminium, glass, etc.) must be free of any coatings and should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles or residues with a jet of compressed air, sandpaper or hard brush. Mask off joint edges with self-adhesive tape as protection from contamination.
- B. **Backing material:** Use a polyethylene bond breaker tape or backer rod to adjust the joint depth to proper width/depth ratio and to avoid three side adhesion which restrict the movement capability of the sealant. Backer rod must be at least wider 25% than the joint width.

- C. **Sealant application:** Recommended application and surface temperatures: +5°C and +35°C. Cut nozzle to obtain desired bead size. Apply the sealant as evenly as possible by using professional caulking gun.
- D. **Tooling and finishing:** Tool the joint surface with a smoothing tool ensuring the sealant a full contact to the sides and backup material into the joint before skin formation. Remove the masking tapes immediately after smoothing over the surface of the sealant.
- E. **Cleaning:** Uncured product may be easily removed with damp sponge. Cured product must be removed mechanically. Hands can be cleaned with warm water and soap.

### Joint Design



- A: Joint width  
B: Joint depth  
C: Adhesion surface length

The following general rules/recommendations should be followed:

The ideal joint has a 1:1 width(A):depth(B) ratio

Minimum width for joints 5 mm

Maximum width for joints 12 mm

Minimum depth for joints 5 mm

### Instructions

Clear sealant goes on white and turns clear in approximately 10 to 14 days. Protect from moisture for at least 24 hours for proper drying. Cannot be used for joints that are permanently exposed to water. In case of short-term exposure to water (24h) a slight 'clouding' will occur. In case of long-term exposure to water (14 days) the product will turn white again and will lose its mechanical properties. The product is compatible with most paint systems. Due to the large number of paints and varnishes available, we strongly suggest a compatibility test before application. Covering cured sealant with a suitable paint, varnish, plaster, etc. will extend its longevity. Avoid contact with materials which contain bitumen and which release solvents, e. g. butyl, EPDM, neoprene, insulating- and bituminous paint.

### Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

### Disclaimer

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