

MS SEALANT FASTER Fast white hybrid MS polymer sealant adhesive

Item #	EAN	Product
847781	3660338088827	MS SEALANT FASTER Fast white hybrid MS polymer sealant adhesive

Technical data

Basis	SMX Hybrid Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 5 min
Curing speed * (23°C/50% R.H.)	3 mm/24h
Hardness**	65 ± 5 Shore A
Density	1,47 g/ml
Elastic recovery (ISO 7389)**	> 75 %
Maximum allowed distortion	± 20 %
Max. tension (ISO 37)**	3,20 N/mm ²
Elasticity modulus 100% (ISO 37)**	2,30 N/mm ²
Elongation at break (ISO 37)**	400 %
Temperature resistance**	-40 °C → 90 °C
Application temperature	5 °C → 35 °C



* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

MS SEALANT FASTER is a high quality, neutral, elastic, 1-component adhesive sealant based on SMX-Polymer with a very high initial tack.

Application méthodes

Application method: With manual- or pneumatic caulking gun.

Cleaning: Immediately after use

Finishing: With a soapy solution before skinning.

Repair: With the same material.

Properties

- High initial tack reducing the need for initial support.
- Fast curing
- Good extrudability
- High shear strength after full cure (no

Applications

- Sealing and bonding in the building and construction industry
- Elastic bonding of panels, profiles and other pieces on the most common substrates (wood, MDF, chipboard, etc).
- Elastic structural bonding in car and container industry.

primer)

- Stays elastic after curing and very durable
- Impervious to mould
- No odour.
- Can be painted with water based systems
- Good weather and UV resistance
- Does not contain isocyanates and no silicones
- Good adhesion on slightly moist substrates

Packaging

Colour:

- White

Carton : 15 units

Pallet : 990 units

Packaging: 290 ml cartridge, 80 or 125 ml tube, 400 or 600 ml foil bag, other packaging on request

Shelf Life

15 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Chemical resistance

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis.

Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Joints dimensions

Min. width for bonding: 2 mm

Min. width for joints: 5 mm

Max. width for bonding: 10 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = 2x joint depth.

Health- and Safety Recommendations

Take the usual labour hygiene into account.

Consult label and material safety data sheet for more information.

Dangerous. Respect the precautions for use.

Remarks

→ MS SEALANT FASTER may be overpainted with water based paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.

→ The drying time of alkyd resin based paints may increase.

→ Can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, like polycarbonate, etc, may differ from manufacturer to manufacturer, we recommend preliminary compatibility test.

- While producing plastics very often releasing agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding.
- Can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Can be used for bonding of natural stone, but it cannot be used as a joint sealant on this type of surface. This product can therefore only be used on the bottom of natural stone tiles.
- When applying, make sure that the surface of the materials is not smudged with sealant.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- This product has a good UV resistance but can discolour under extreme conditions or after very long UV exposure.
- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion.
- Do not use in applications where continuous water immersion is possible.

Substrates

Substrates: all usual building substrates, treated wood, metals, PVC, plastics

Nature: rigid, clean, dry or slightly moist, free of dust and grease.

Surface preparation: Prepare non-porous surfaces with a cleaner.

Not suitable for PE, PP, PTFE (eg Teflon®), bituminous substrates, copper or coppercontaining materials such as bronze and brass.

We recommend a preliminary adhesion and compatibility test on every surface.