

"MS-333"

MS POLYMER ADHESIVE / SEALANT



Paintable | Seal Medium or Large Gaps

- Excellent UV Radiation & Weather Resistant
- Chemical & Crack Resistant
- Permanently Flexible & Non-Shrinkage
- Free of Isocyanate, Solvent & Acid
- No Bubble Formation within Sealant
- Primerless Adhesion on Many Substrates
- Can Be Applied on Damp Surface
- Suitable for Indoor & Outdoor Uses

**NON-BLEEDING
SEALANT**

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MS-333 is based upon Hybrid Silyl Modified Polyether Technology. it is an odorless, one part adhesive sealant suitable for all kind of industrial applications even in adverse conditions. it has high bond strength and primerless adhesion on most type of substrates or moist surfaces. it can be painted with most kind of paints and has superior weatherability in all climates. it has a wide temperature range and will not form bubble within sealant even in a high humidity condition. it is an ideal product for all in one indoor and outdoor bonding and sealing purposes.

Uses:

Elastic bonding and sealing for:

- . Bus
- . Train
- . Trailers
- . Caravan
- . Yacht
- . Construction
- . Flooring
- . Metal Frames
- . Natural Stone
- . Aluminiums
- . Concrete
- . Fibre Glass

Joint Design:

The specified sealant bead size should be calculated to comply with the compression and extension capabilities of the sealant in relation to the anticipated joint width due to expansion and contraction.

Generally calculation of the width of **MS-333** sealant bead should be computed on the basis of a maximum+ 20 % of the original joint width. Compression and extension capability minimum bead size should not be less than 2mm to accommodate movement. The width of the joint should be two times the depth of the joint.

- . Joint size minimum width: 2mm for bonding & 5mm for joints
- . Joint size maximum width: 10mm for bonding & 30 mm for joints
- . Joint size minimum depth: 5mm

Application:

- Substrates must be clean, dry and free from grease. Remove all dirt, oil, grease, detergents and loose material.
- Cut tip off Cartridge. Cut nozzle to desired size at 45°angle. Screw nozzle onto cartridge. Insert cartridge into caulking gun.
- Push sealant ahead for uniform bead
- Clean off excess sealant with m.e.k. or toluene before dry.

Curing Time:

MS-333 will skin forming in approximately 15 minutes and it will cure to a depth of 10 mm in 7 days. Longer curing time may be necessary in dry and low humidity area.

Specification:

PROPERTIES	VALUE
Curing System	Neutral
Appearance	Non-Sagging Paste
Smell	Odorless
Specific Gravity	1.58 +/- 0.05
Hardness (Shore A)	30 Approx.
Elongation at Break	800% Approx.
Tensile at Break	0.75 Mpa
Secant Modulus @ 23°C at 100% Elongation	0.38 Mpa
Application Temp.	5°C to 40°C
Service Temp.	-40°C to 100°C
Lap Shear Strength (AL. to AL.)	0.80 Mpa
Shelf life	12 months

Storage:

Material should be stored in a dry and cool place between +5°Cto +30°C.

Caution:

Read and understand material safety data sheet of this product before handling or using.

We recommend preliminary compatilby tests prior to application to achieve desirable results.

This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors.

Colour Available: White,Grey

Content: 290ml (460 gms) cartridge

Packaging Details: 24 cartridges