



MOHM CHEMICAL SDN. BHD. (Co.No.276851-U)
MCX MARKETING SDN. BHD. (Co.No.363532-T)

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TECHNICAL DATA SHEET

**x'traseal® MS-603 MS POLYMER ADHESIVE/
 SEALANT – GENERAL PURPOSE**



Description:

x'traseal® MS-603 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 many 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.

Features

- Good mechanical strength
- Permanently flexible and non-shrinkage
- No visible stain even on porous substrate
- Free of Isocyanate, Solvent and Acid
- Excellent UV and weather resistance
- No bubble formation within sealant
- Chemical and crack resistant
- Primerless adhesion on most surfaces

Applications:

Elastic Bonding and Sealing for various applications:

- | | |
|--|--|
| <ul style="list-style-type: none"> ▪ Bus ▪ Train ▪ Trailers ▪ Caravan ▪ Yacht ▪ Construction | <ul style="list-style-type: none"> ▪ Flooring ▪ Metal frames ▪ Natural stone ▪ Aluminiums ▪ Concrete ▪ Fibre glass |
|--|--|

WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

Directions:

- 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.

This information is provided in good faith and is believed accurate as of the date this data sheet based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.



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Skimming Time:

MS-603 will skin forming in approximately 20 minutes.

Specification:

Properties	Method	Value
Curing System	-	Neutral
Appearance	Visual	Non-Sagging Paste
Smell	Visual	Odourless
Specific Gravity	Based on ASTM D 1475	1.46 +/- 0.05
Hardness (Shore A)	Based on ASTM D2240	26
Body feeling	Based on ASTM D217	1.9 cm
Viscosity ratio (2rpm/10 rpm using spindle 7)	Brookfield Viscometer	3.7
Elongation at Break	Based on ISO 8339	>550%
Tensile at Break	Based on ISO 8339	0.72 MPa
Secant Modulus@23°C at 100% elongation	Based on ISO 8339	0.33 MPa
Application Temp.	-	5°C to 30°C
Service Temp.	-	-40°C to 100°C
Lap Shear Strength (Al. to Al.)	Based on ASTM C961	0.84 MPa
Shelf Life	-	9 months

Caution:

Uncured sealant may cause skin, eye and respiratory system irritation.
 Use only in well ventilated areas.
 Use appropriate personal protection to avoid contact with skin and eyes.
 In case of eye contact or irritation, flush eye immediately with running water for 15 minutes and get medical attention.
 In case of skin contact, wash affected areas with hand cleaner followed by soap in running water. For further health and safety information consult the current material safety data sheet.

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