

SEALMASTER FLEXI

MS Polymer Hybrid Sealant Compound

ASTRAL

TRUBUILD™

TECHNICAL DATA SHEET VER NO. N.1

Trubuild Sealmaster Flexi is a high quality, single-component, elastomeric joint sealant based on MS-Polymer. Once applied, the compound reacts with atmospheric moisture to form a tough and durable elastic seal.

FEATURES & ADVANTAGES



HIGH ADHESIVE STRENGTH

- High adhesive strength on most substrates
- Superior mechanical properties
- Permanently elastic after cure
- UV resistant



PAINTABLE



UV AND WEATHER RESISTANT

- Excellent weather resistance
- Can be painted
- Does not contain isocyanates, hence safe



ELASTIC



AREAS OF APPLICATION



- For gap filling.
- Sealing control and expansion joint.
- Bonding of metals, glass, ceramics.

PACKAGING

600 ml

METHOD OF APPLICATION

- Step-1:** Clean the application area and make it dry & free from grease and detergents.
- Step-2:** Mask adjacent surfaces for neat application.
- Step-3:** Cut tip of sausage and put into the sausage gun. Consider your required bead width and remove an appropriate section from the end of the nozzle.
- Step-4:** Apply sealant in continuous, steady flow. Push the sealant ahead in the nozzle contacting both sides of joint so it is completely filled.
- Step-5:** Smoothen sealant surface immediately after application before skin forms using a spatula dipped in mild detergent.
- Step-6:** Remove the masking tape before sealant skins. Excess sealant should be removed immediately with a clean cloth dampened in mineral turpentine.

TECHNICAL PROPERTIES

PROPERTIES	STANDARDS	RESULTS
Physical state	-	Viscous paste
Appearance	-	Opaque
Colour	-	White, black, grey
Density (gm/cc)	-	1.35-1.50
Tensile strength (MPa)	ASTM D 412: 2016	2.14
Elongation (%)	ASTM D 412: 2016	> 500
Shore A	ASTM D 2240: 2015	34
MAF	ASTM C 719: 2014	±50%
Depth cure		Approx. 1-2 mm/Day
Effects of heat ageing	ASTM C 1246:2017	No cracking and chalking
Stain and colour change	ASTM C 510:2016	No staining and no colour change
Tack free	ASTM C 679:2015	No transfer of test specimen to the polythene film @ 72 hrs.
Adhesion-in-peel strength (N)	ASTM C 794:2018	74.2 N (cohesive failure with in the sealant and no adhesive bond loss b/w adhesive and substrate)

TECHNICAL PROPERTIES

• For width 5 mm and depth 5 mm, approx. coverage will be 26 RMT/kg.

NOTE: Coverage will depend upon the size of the groove. Always test the product for suitability before use.

COVERAGE

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and used. For additional information please read Material Safety Data Sheets.

STORAGE

Product should be stored in a dry place in its original, properly closed sausage packing at temperature between 2 - 40°C. Chemical should be consumed once opened.

SHELF LIFE

12 months from the date of manufacturing

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