

TRUBUILD SEALMASTER FLEXI

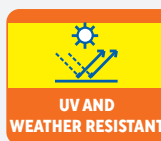
MS Polymer Hybrid Sealant Compound



TECHNICAL DATA SHEET
VER NO.1.1

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.

ADVANTAGES



- High adhesive strength on most substrates
- Superior mechanical properties
- Permanently elastic after cure
- UV resistant
- Excellent weather resistance
- Can be painted
- Does not contain isocyanates, hence safe

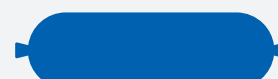
AREAS OF APPLICATION



APPLICATIONS

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

AVAILABLE PACKING



600 ml sausage

HOW TO USE

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 damped in mineral turpentine.

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TECHNICAL DETAILS

| PROPERTIES | STANDARD | 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) |

HANDLING PRECAUTIONS

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.

THEORETICAL COVERAGE

- 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.

SHELF LIFE

12 months from the date of manufacturing

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