

TRADE GRADE

HYBRID SEALANT

PRODUCT DESCRIPTION

Trade Grade Hybrid Sealant, an elastic joint sealant paintable once cured. Meets ASTM C719 requirement. Perfect for internal and external use. Safe to use, does not contain solvents or isocyanates like traditional polyurethane sealants.

APPLICATIONS

Ideal for use as a joint sealant for expansion, movement and perimeter joints with strong adhesion to most building materials like timber, concrete, fibre cement, plasterboard, brick and block work, sandstone, granite, metals including aluminium, steel, lead, zinc, common plastics including fibreglass, polystyrene, PVC.

FEATURES

- Isocyanate & Solvent Free
- Superior UV Resistance
- Non-Slumping
- Non-Bubbling Formulation
- Highly Elastic $\pm 25\%$
- Excellent weather proofing properties
- Paintable

SURFACE PREPARATION

All surfaces must be clean, dry and free from wax, dust, oil, rust, grease or any other contamination prior to the application of Trade grade Hybrid sealant. For best results clean with acetone Cleaner.

APPLICATION INSTRUCTIONS

Cut nozzle at a sharp angle slightly wider than the desired Bead or joint width. If being installed as a joint sealant, always use a suitable backing rod to ensure the correct depth is achieved. The Joint depth should be half of the joint width. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.

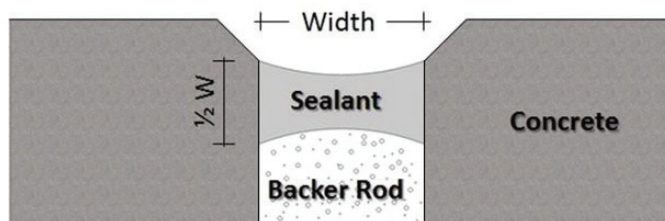
TYPICAL PROPERTIES

| PROPERTY | TYPICAL RESULTS |
|---|---------------------|
| Technology | Hybrid Polyurethane |
| Curing Method | Moisture Curing |
| Shore A Hardness GB/T531-1999 | 30 - 40 |
| Tack Free Time (GB/T13477.2-2003) | <60 mins |
| Dynamic Joint Movement (ISO 9047) | $\pm 25\%$ |
| Tensile Strength (MPA) GB/T528-1998 | >1.2 |
| Elongation @ Break GB/T528-1998 | >200% |
| Cure Rate (mm/24h) | >2.5 |
| Application Temp | 5°C - 50°C |
| Density (g/cm3) GB/T13477.2-2003 | 1.6 \pm 0.05 |

Values given in this list should not be used as specifications. All Data based on samples cured for 21 days @23oC and 50% R.H.

JOINT DESIGN

To allow sealant to perform effectively, the correct joint design requires the following sealant depth / width ratios be followed for joints 12mm and wider:



A suitable backer rod (open or closed cell) must be used to ensure that the correct joint depth is achieved



for more
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