



Formulated For The Professionals

Adhesives & Sealants

VT-625 / VT-625S Ultimate Construction Sealant

MS Facade Sealant

VT-625 Ultimate Construction Sealant is a general-purpose sealant formulated based on advanced MS Polymer technology. It has excellent UV and weathering properties and it features matt finish. The static charge of this sealant is low, hence attracts less dust particles and reduces dirt streaking issues on facade cladding. This elastomeric sealant is permanently elastic upon curing and has a movement capability of $\pm 50\%$. Specially formulated to achieve superior performance and feature low VOC emission and content, VT-625 is able to comply with the stringent requirements of ASTM C920 as well as contribute to the Leadership in Energy and Environmental Design (LEED) v4.1 credit. Unlike polyurethane sealants, VT-625 is free of solvent and isocyanate, preventing shrinkage and bubbling issues in sealant after cure. It is also free of silicone oil, minimizing building aesthetic issues caused by oil staining and dirt streaking problems often associated with silicone sealants. It has been tested and meets the requirements of ASTM C1248, the standard test method for staining of porous substrate by joint sealants.

Applications: Recommended for sealing concrete joints like wall panel joints, expansion joints, control joints, etc. Facade cladding designed with metal panels or natural stones can be sealed with this product too. Other recommended applications include sealing of anodized aluminium, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

Applicable Test / Standard:

1. ASTM C920, Type S, Grade NS, Class 50, Use NT, A & M
2. ASTM C1248 : 2018 Standard Test Method For Staining Of Porous Substrate By Joint Sealants
3. Leadership in Energy and Environmental Design (LEED) v4.1 EQ compliant
 - Low VOC Content - USEPA Method 24 under SCAQMD Rule 1168
 - Low VOC Emission - CDPH Standard Method v1.2- 2017
4. RoHS I & RoHS II

Available colours: Matte black, Matte grey and Matte white

Item Code	Content	Carton Quantity
VT-625	290 ml Cartridge	20 / Carton
VT-625S	600 ml Sausage	20 / Carton



ALUMINIUM COMPOSITE
PANEL CLADDING



NATURAL STONE
CLADDING



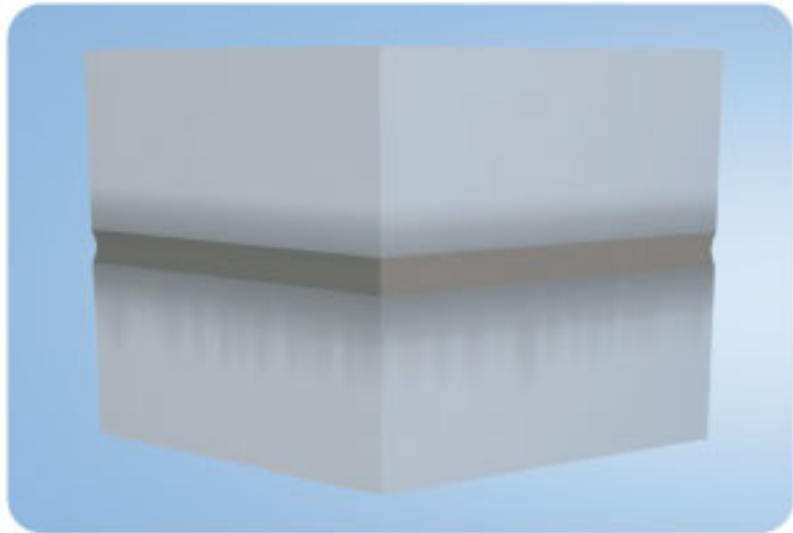
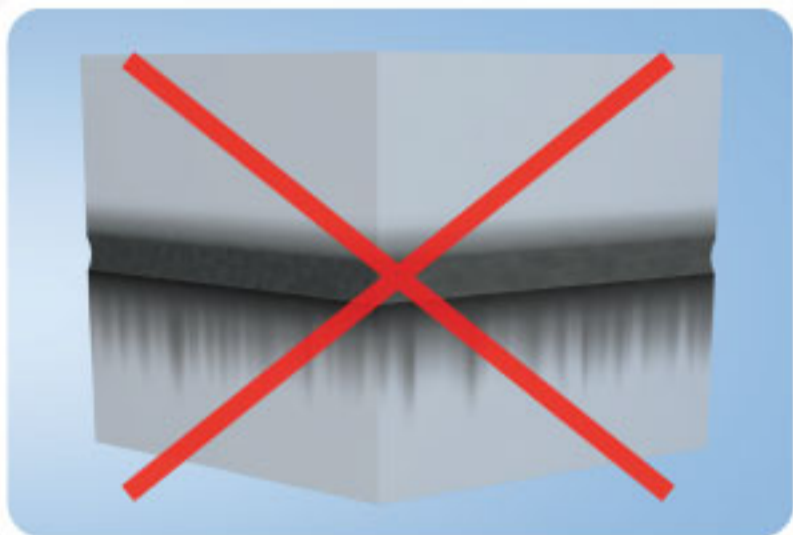


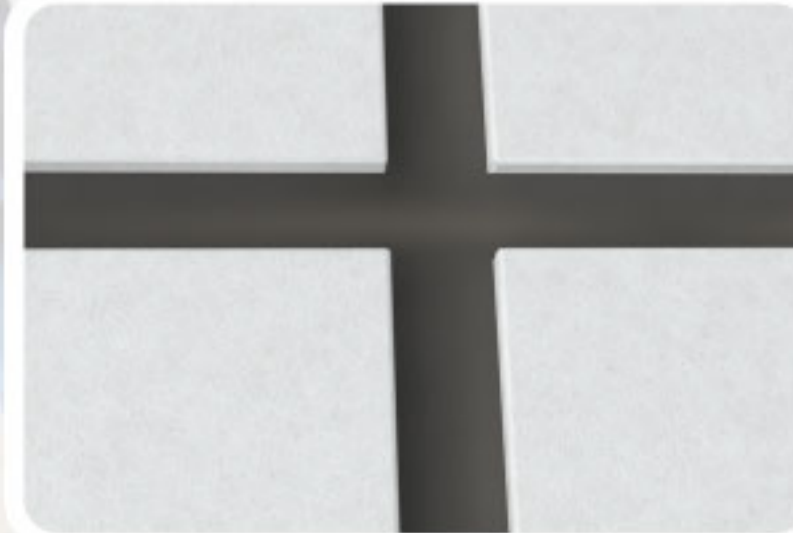
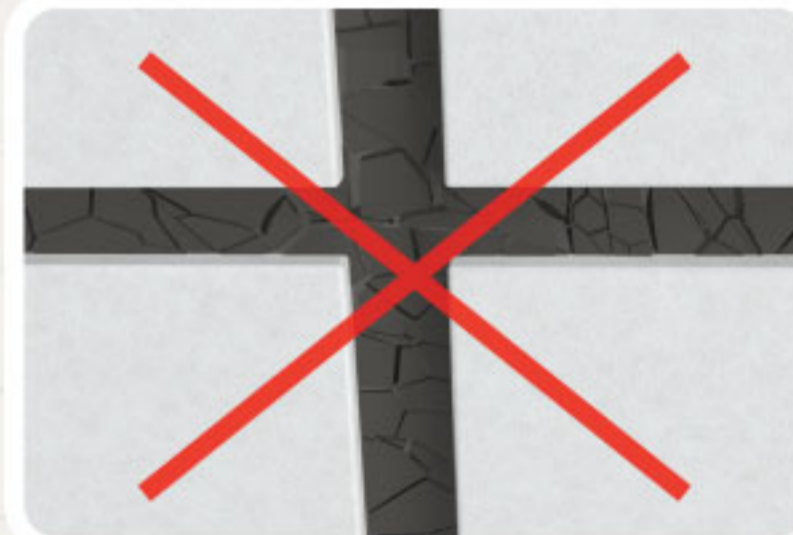
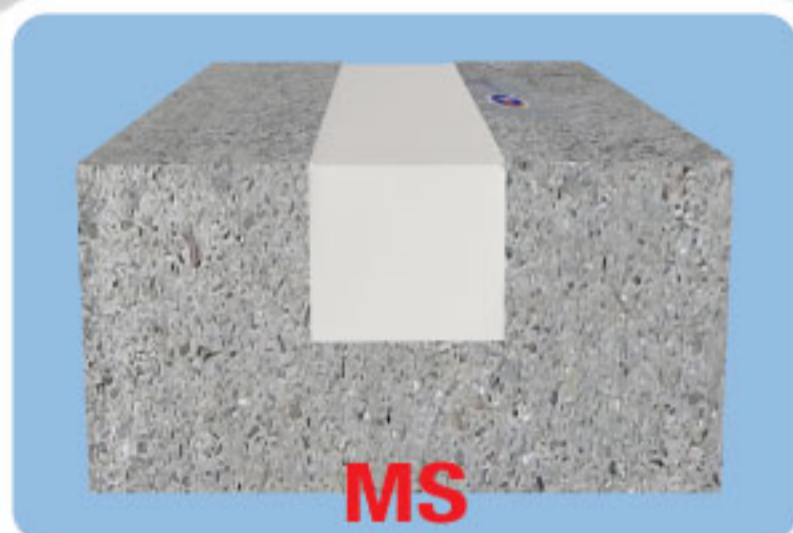
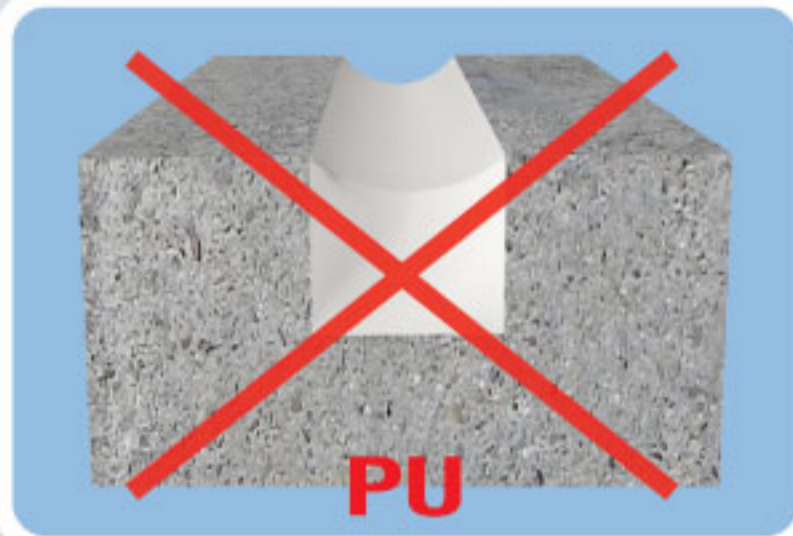
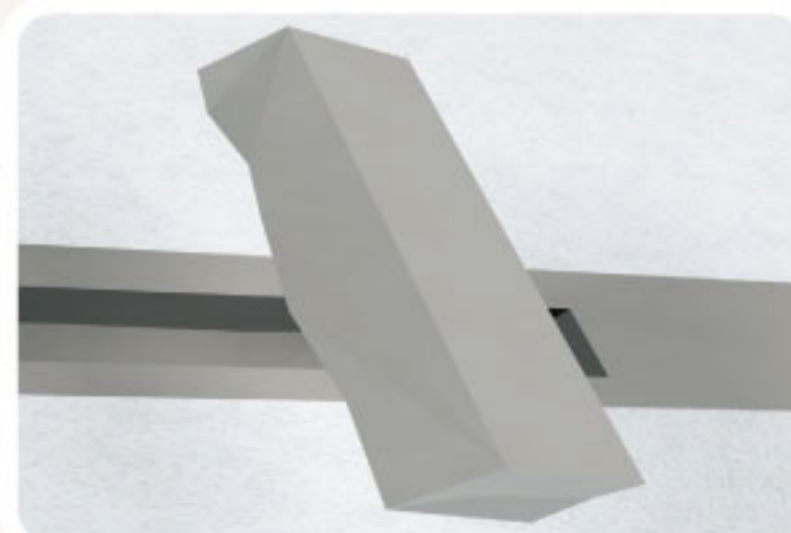
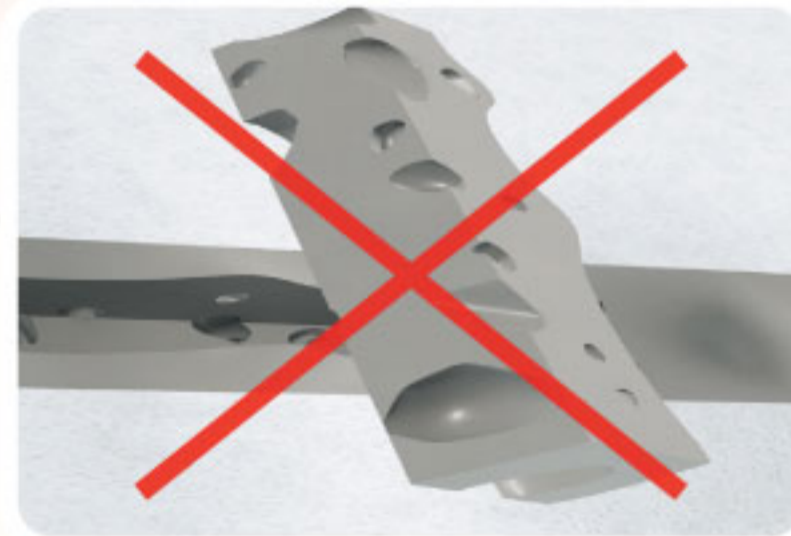


SOLID PANEL
CLADDING



Features

- $\pm 50\%$ Movement capability
- Excellent UV resistance – 10-year Material Warranty
- Paintable
- Silicone oil-free – Non-staining on adjacent substrates
- Low static charge – Less dirt streaking
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most surfaces
- Matte finish



Less dirt streaking	Non-staining	Flexible seal & Good UV resistance
 <p>✓ Less dirt streaking on facade cladding (MS Polymer)</p>  <p>Dirt streaking on facade cladding (Silicone Sealant)</p> <ul style="list-style-type: none"> • Minimize dirt streaking issue introduced by silicone sealants. • Reduce building cleaning and maintenance costs. 	 <p>✓ Non-staining on natural stone facade (MS Polymer)</p>  <p>Staining on natural stone facade (Silicone Sealant)</p> <ul style="list-style-type: none"> • No silicone oil, hence no oil migration and staining issues on adjacent substrates. 	 <p>✓ Good UV resistance (MS Polymer)</p>  <p>Poor UV resistance - Sealant cracking (PU Sealant)</p> <ul style="list-style-type: none"> • ±50 % movement capability, suitable for working joints that experience significant movements. • Durable, remain elastomeric for a long time.
No shrinkage	No air bubbling	Green sealant
 <p>MS</p> <p>✓ No shrinkage (MS Polymer)</p>  <p>PU</p> <p>Shrinkage after curing (PU Sealant)</p> <ul style="list-style-type: none"> • PU sealant shrinks while curing. • MS sealant will not shrink due to its solvent-free property. 	 <p>✓ No air bubbling (MS Polymer)</p>  <p>Bubbling (PU Sealant)</p> <ul style="list-style-type: none"> • No air bubbling, The bubbles/ foams/ blisters in PU sealants are due to the formation of CO₂. • The formation of CO₂ is the result of the reaction of the isocyanate with moisture. 	 <p>✓ Green sealant (MS Polymer)</p>  <p>Hazardous materials (PU Sealant)</p> <ul style="list-style-type: none"> • LEED v4.1 credit • Compliant with SCAQMD rule 1168. • No hazardous materials such as isocyanate, solvent, heavy metals, etc.



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