

Adhesive, Sealant & Waterproofing

VT-625/ VT-625S Ultimate Construction Sealant

- Excellent UV Resistance 10-year Warranty ±50% Movement Capability
- Low Static Charge Less Dirt Streaking Silicone Free Paintable
- Isocyanate Free No Air Bubbling Solvent Free No Shrinkage
- Reactive Plasticizer Non-staining Primerless Bonding to Most Substrates
- ASTM C-920 Compliant Matt Finish

Description: A single-component, moisture-curing, acrylic modified hybrid sealant that is based on advanced MS Polymer technology. It has excellent UV and weathering resistance properties and features matt finish. The static charge of this sealant is low, hence attracts less dust particles and reduces dirt streaking issues on façade cladding. It is also free of silicone oil, minimizing building aesthetic issues caused by oil staining. The solvent- and isocyanate-free formulation eliminates shrinkage and air bubbling issues of sealant. The adhesion on various substrates is excellent even without primer, yet it is paintable with common industrial paints. It is a green sealant formulated to meet the low VOC regulation.

Applications: Recommended for sealing of facade cladding designed with metal panels or natural stones. Also suitable for concrete joints like wall panel joints, expansion joints, control joints, etc. It is also ideal for window frame perimeter sealing, both painted and non-painted surfaces. Other recommended applications include sealing of anodized aluminum, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

Limitation: Not recommended for applications below waterline or permanent water immersion. Not for outdoor glass substrates sealing. Not for PE, PP, Teflon, Neoprene, and bituminous surfaces. Not paintable with Alkyd resin paint because curing inhibition of the paint.

Available Colors: Matt black & Matt grey
Content: 290ml (cartridge), 600ml (sausage)
Carton Quantity: 20 cartridges/carton, 20 sausages/carton

Product Specification:

Curing System
Density
Tack-free Time
Tensile at Break (ASTM D412)
Elongation at Break (ASTM D412)
Shore A Hardness (ASTM C661)
Joint Movement Capability (ASTM C719)
VOC Content (USEPA Method 24)
Application Temperature
Service Temperature
Shelf Life

Moisture Curing
Approx. 1.52 g/ml
20 – 30 minutes
0.7 N/mm2
> 600%
20 – 33
± 50%
< 50 g/L
5°C to 40°C
-30°C to 100°C
9 months (Cartridge)
12 months (Sausage)











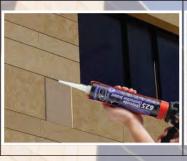
Façade Cladding

Metal Panel

Natural Stone Façade











Known issues with other Silicone / PU Sealants

Less streaking on Façade Cladding



Dirt streaking on Façade Cladding



Staining on Natural Stone Façade

Non-staining on Natural Stone Façade

Problems solved

with VT-625





Sealant Cracks over time

No Cracking





Bubbling in Sealant

No Bubbling in Sealant



Isocyanate Free



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