VYKOL

VYSEAL-MS

MS Polymer Sealant

DESCRIPTION

VYSEAL-MS is a one-component, moisture-curing, elastic sealant based on modified silane (MS polymer) technology. It combines the advantages of silicone and polyurethane sealants, offering excellent adhesion, durability, and environmental resistance without the use of isocyanates or solvents.

The sealant provides long-lasting flexibility and reliable sealing performance across a wide range of construction applications.

BENEFITS

- Excellent adhesion to a wide range of substrates without primer
- Solvent-free, isocyanate-free, environmentally friendly
- Low VOC and low odor
- Permanent elasticity with high movement capability
- Good UV and weather resistance
- Non-staining and paintable
- Excellent aging resistance
- Suitable for indoor and outdoor applications

APPLICATIONS

- Expansion and movement joints
- Facade and curtain wall sealing
- Roofing and waterproofing detailing
- Window and door perimeter sealing
- Metal, concrete, glass, and plastic bonding
- General construction and industrial sealing

INSTALLATION

- Substrates must be clean, dry, and free of dust, grease, and contaminants
- Apply using standard caulking gun
- Tool the sealant within skin formation time
- Use backing rod for proper joint design
- Primer may be required for certain substrates (if necessary)

STORAGE & SHELF LIFE

- Store in cool, dry conditions
- Protect from direct sunlight and moisture
- Shelf life: 12 months in unopened packaging

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DIMENSIONS & PACKAGING

Parameter	Value
Color	Grey / white
Quantity	600 ml/tube

TECHNICAL DATA

Property	Value	Test method
Surface drying time	15~40min	GB/T 13477.5
Hardness Shore A	≥ 40	GB/T 531.1
Tension strength	≥ 2.0Mpa	GB/T 528
Shear strength	≥ 1.5MPa	GB/T 7124
Elongation at break	≥ 400%	GB/T 528
Curing speed	4.0 mm/d	HG/T 4363