

Sino-Sina Building Materials Co., Ltd

HP-3 Epoxy Resin Grouting Material Technical Data Sheet

Product Description

HP-3 is an ultra-low viscosity epoxy grout optimized for narrow crack injection and foundation reinforcement.

Applications

- Concrete crack repair (crack width 0.05-0.2mm).
- Foundation and base reinforcement treatment.

Features and Benefits

- Extremely low viscosity for fine crack penetration.
- Outstanding compressive and tensile strengths.
- Superior bonding performance in dry and wet settings.
- High impermeability and permeability pressure ratio.

Technical Data

Item	Value
Initial Viscosity (mPa·s)	<30
Compressive Strength (MPa)	70
Tensile Strength (MPa)	15
Tensile Shear Strength (MPa)	8.0
Bonding Strength Dry (MPa)	4.0
Bonding Strength Wet (MPa)	2.5
Impermeability Pressure (MPa)	1.2
Permeability Pressure Ratio (

Packaging and Storage

Contact for details.

Application Instructions

Clean surface, mix components, inject under pressure, allow curing.

Safety Precautions

Wear protective gear; ensure ventilation.

Contact Information

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