

Sino-Sina Building Materials Co., Ltd

HP-2 Epoxy Resin Grouting Material Technical Data Sheet

Product Description

HP-2 is an epoxy resin grouting material with balanced viscosity for effective crack repair in concrete and bridges.

Applications

- Concrete crack repair (crack width >0.2mm).
- Bridge concrete crack repair.

Features and Benefits

- Suitable viscosity for cracks >0.2mm.
- High compressive and tensile strengths.
- Strong bonding in dry and wet environments.
- Excellent impermeability and permeability ratio.

Technical Data

Item	Value
Initial Viscosity (mPa·s)	<200
Compressive Strength (MPa)	40
Tensile Strength (MPa)	10
Tensile Shear Strength (MPa)	5.0
Bonding Strength Dry (MPa)	3.0
Bonding Strength Wet (MPa)	2.0
Impermeability Pressure (MPa)	1.5
Permeability Pressure Ratio (Steel-Steel Bonding Tensile Strength (MPa))	20

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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