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Technical Data Sheet – R-Cord CSE-047 & 2640

R-Cord CSE-047

Description:-

R-Cord CSE-047 is a special modified, low viscosity, liquid epoxy resin for Tile Grout. When it is used with appropriate epoxy hardener, it provides excellent combination of properties including mechanical, thermal, chemical and physical.

Applications

Tile Grout

2640

Description:-

2640 is light color, high viscosity modified hardener suitable to cure epoxy resin at ambient temperature. The cured mass gives high gloss with excellent surface finish suitable for coatings and flooring applications. The film withstand variety of chemicals includes acid, alkali, alcohols and hydrocarbon solvents.

Advantages

- High viscosity
- Fast setting
- Excellent chemical resistance
- Versatile material allows application as adhesive and Tiling gel.
- Suitable for chemical Tiles, threaded bars and reinforcing steel.

Surface Preparation

Surfaces must be clean and sound. Surfaces/holes may be dry, damp or wet. Remove dust, laitance, grease, oil, curing compounds, impregnations, waxes, foreign particles and disintegrated materials. Substrate strengths must be verified, with pull-out tests being conducted if strength is unknown.

Technical Data

Property	Unit	Test Method	Resin(A)	Hardener(B)
Appearance		Visual	Clear Liquid	Medium Light Yellow Liquid
Viscosity	mPas (25°C)	ASTM D	500-700	7000-9000
Density	g/cm ³ (25°C)	ASTM D	1.10	.97

Typical Properties

Property	Unit	Test Method	Value A/B
Mixing Ratio	By Weight	-	100:50(2:1)
Pot Life	Min(25°C)	-	40-45
Amine Value	mg KOH/gm	-	400
Compressive Strength	MPa	ASTM 0695	24 Hours 59
			7 Days 85
Compressive E Modulus	GPa	ASTM 0695	5
Tensile Strength	MPa	ASTM 0638	23.5
Tensile Strength (Elongation at Break)	Percentage	ASTM D	7 Days 5.9
Tensile Modulus	GPa	ASTM 0638	7 Days 5.5
Flexural Strength	MPa	ASTM 0790	24 Hours 45

Limitations

- Minimum age of concrete must be 28 days, depending on curing conditions.
- Do not thin, solvents will prevent proper cure.
- Standard and quality of dispenser will impact upon ease of extrusion, especially when using manual equipment, ensure the mechanical advantage is appropriate, pistons are correctly aligned and even pressure is achievable.
- R-Cord® CSE 047/2640 must only be applied on or into substrates when they are frost-free.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent SAFETY DATA SHEET containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

Packing Size:-

(Resin : Hardener)

(40 Kg : 20 Kg)

(240 Kg : 200 Kg)