EPOXY RESIN – 21 T

Two Component Thixotropic- Repair Epoxy Paste

Specification According to: ASTM C881-99, Type I, Grade 2, Class B+C.

DESCRIPTION

EPOXY-RESIN-21 T is a two component, thixotropic epoxy paste with outstanding bonding capabilities. The product is 100% solids therefore after hardening no shrinkage occurs. **EPOXY-RESIN-21 T** has excellent resistance to alkaline and acidic environments as well as very good resistance to oils and solvents. These properties make **EPOXY-RESIN-21 T** very successful not only in construction but also in marine and industrial applications.

RECOMMENDED FOR

1. **Bonding of:**
- Cement mortars
- Metal structures
- Old and new concrete

2. **Filling, Sealing of cavities and cracks in:**
- Pillars
- Foundations
- Beams
- Walls

3. **Marine and Industrial Applications**

Fills irregularities in water tanks, fuel reservoirs, refrigeration units. Bonds various metals, fiberglass etc.

METHOD OF APPLICATION

Clean the surface, using jet water if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, curing membranes must be removed.

Mix the two components of **EPOXY-RESIN -21 T** until the mixture becomes homogenous and subsequently apply by spatula.

PACKAGING

1kg, 4.5kg.

TECHNICAL SPECIFICATIONS

LIQUID PRODUCT:

PROPERTY	UNITS	METHOD	SPECIFICATION
-Pot Life (25°C) & 55% RH	min	Internal Method	30-40 min
-Viscosity	-	-	Comp.A & B: Thixotropic soft paste
- Density of mix	gr/cm^3	ASTM D1475 / DIN 53217 / ISO 2811, at 20°C	1.6-1.7
- Mixing Ratio	-	-	(A/B) 2/1 by volume or by weight
- Dry time (dry to touch, 25°C, 55% RH)	hours	-	6-8

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DRY PRODUCT:

PROPERTY	UNITS	METHOD	SPECIFICATION
-Adhesion Concrete	N/mm^2	ASTM D4541	>3
-Compression Strength	N/mm^2		>40
-Tensile Strength, 23 °C	N/mm^2	ASTM D412 / EN-ISO-527-3	>30
-Shrinkage	-	-	0
- Freeze/Thaw resistance	-	-	Excellent
-Resistance to solvents, lubricants	-	-	Excellent

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