

LEADERS IN BONDING TECHNOLOGIES

BOND - CAD-901

NON SHRINK CEMENTITIOUS MICROCONCRETE

Cad-901 Is A Ready to mix Non Shrink Cementitious Micro concrete It has very good flow properties and has been specially formulated for reduce heat generation. CAD-901 is ready to apply. It contain high silica fume content and combination of blended cement, a highly dense, Impervious and hence durable repair mortar Is obtained.

CAD-901 is suitable for structural repairs to marine structures, Bridge Columns And Beams, Jetty Piles, Concrete Piling, Spillways, Dams, Grouting Applications CAD-901 can be applied by gravity pour or mechanical pumping.

CHARECTERISTICS ADVANTAGES

- * Good strength gain to facilitate early reinstatement
- * Easy To Mix And Apply
- * Low permeability
- * Good Flow Characteristics
- * Suitable For Large Repairs
- * Can be pumped or poured
- * High Ultimate Strengths
- * Very Dense And Durable
- * Non-Toxic And Non-Corrosive
- * Chloride And Iron-Free
- * Impact And Vibration Resistant
- * Gaseous Expansion System To Compensate Plastic Shrinkage
- * Controlled Crystalline Expansion System To Compensate Shrinkage In The

APPLICATION INSTRUCTIONS

Surface should be roughened and free from dirt, dust, laitance and loose deposits. A good mechanical key to the jacketing concrete.

Prepared steel & ties as per design., steel should be coated using BOND- Zinc rich Epoxy Primer minimum 100 microns WFT.

The form work may be provided as require thickness. And concrete substrate shall be pre wetted before pouring of CAD-901.

CAD-901 shall be mix 12.5 liter water with 25 Kg dry mix of CAD-901 by mechanical mixture. Mix up to flowable Consistency. The mix is ready to use. Mix only that much quantity which can be consumed in about 20-30 minutes.

CURING

This material is designed to achieve adequate properties in just 3 days after placement. Hence cure for this duration would be adequate for most practical purposes.

PROPERTIES

	CAD-901-TYPE-I	CAD-901-TYPE-II
COLOR	Grey Powder	Concrete Grey Powder
DENSITY	2100-2200 kg/m ³ (Freshly Mixed Mortar)	2100-2200 kg/m ³ (Freshly Mixed Mortar)
AGGREGATE SIZE		6 mm maxi.
COMPRESSIVE STRENGTH		
24 hrs		
3 Days		
7 days		
28 Days		
FLEXURAL STRENGTH 28 Days		
TENSILE STRENGTH 28 Days		
YOUNG MODULES		
UNREINSTRAINED EXPANSION		
SHELF LIFE fro dt. Of mfrg.	6 Month in sealed pack, in dry place	6 Month in sealed pack, in dry place
PACKING	25 kg Bag	25 kg Bag

The information contain here in is reliable and accurate the best of our knowledge. Technical services will provided for guidance when required. However conditions of uses and methods of application are beyond our control, no warranty is expressed or implied.

ALSO AVAILABLE CONSTRUCTION CHEMICALS FOR REPAIRS, REHABILATION OF BUILDING, BRIDGE, DAM, CANAL, TUNNEL & MARINE STRUCTURES, ETC.

RESINS	PAINTS	GROUTS	CONCRETE ADMIXTURE	FLOORINGS	WATERPROOFING	ADHESIVE	LACQUER S
EPOXY	EPOXY	CEMENT-POLYMER	MICRO CONCRETE	EPOXY	ACRYLIC COPOLYMER	EPOXY	SOLVENTED
POLYURATHANE	POLYURATHANE	EPOXY	PLASTICIZERS	POLYURATHANE	POLYMER POWDER	ACRYLICS	WATER BASE
ACRYLICS	ANTI CORROSIVE	EXPANSIVE GROUT		NON METTALIC CEMENT	WATERREPPALLENT		NC-ACRYLICS

TECHNICAL SERVICES & Technical assistance

Information is available by calling the Mr Bond Technical Service at:

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MR. BOND POLYCHEM

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