

LEADERS IN FLOORING TECHNOLOGIES

BOND-FC-701

EPOXY FLOORING SYSTEM

FC-701 is a 100 % solid high performance 2 component self leveling floor coating. And is available in colors also. It provides seamless coating, that is extremely hard wearing and durable, smooth, high gloss finish durable and chemical resistance properties.

EPOXY FLOORING FOR IMPACT, ABRASION, CHEMICAL, CORROSION RESISTANCE, HEAVY DUTY, DUST PROOF, VIBRATION, THERMAL MOVEMENT, ANTI FUNGAL, ANTI MOSS, ANTI BACTERIAL IN PHARMA, FOOD, ELCTRIC, ELECTRONICS, , AUTO, CHEMICAL, TEXTILE, SURGICAL, INSTRUMENTS, DAIRY, ENGINEERING, SUGAR, PAPER, PICKELING, , OPTICAL, METAL, INDUSTRIES, OPERATION THEATER, HOSPITALS, GODOWNS, GARAGES, LABORATORIES, WALKWAYS, SHOPS & MALLS, RAILWAYS, PAINT SHOPS, BATTERY ROOMS, COMPUTER ROOMS, KITCHENS, EXIBITION HALLS, CANTEENS, ELECTROPLATING UNITS, ETC. AND FOR DAM, CANALS, RAILWAY PLATFORM.

CHERECTERISTICS:-

ZERO MAINTAINANCE, EXCELLENT DURABILITY & CHEMICAL RESISTANCE, CHOICE AMOOTH OR ANTI SKID PROPERTIES, EXCELLENT MECHANICAL STRENGTH, DUST PROOF AND EASY TO CLEAN,

SURFACE PREPARATION:-

Clean the surface to be bonded, free of dirt, oil, grease, rust, moisture, loose deposits, wax, paints and damaged materials. The roughen the surface by sanding, grinding and emerging. Surface should be sound and tough. Concrete floor should be cured minimum 28 days. Clean CC surface using diluted 20-25 % phosphoric Acid or muriatic Acid or BOND CLEANER-CLR-01.

Neutralize to the acid mix 1 parts household ammonia to 32 parts water by volume and apply on floor, than rinse by water 4 to 5 times. let it to dry for 48 hours before applying FC-701. For wooden clean the floor thoroughly with a strong detergent to remove old soap, oils, and fat, etc. Apply Roughening, grinding if required. Remove all previous coating by sanding.

MIXING:-

- 1. PRIMING:-** Mix **BOND PRIMER FLPC-05** Part-A & Part-B in 2:1 pbv and apply on prepared surface by brush, roller, Airless spray, etc..
- 2. PUTTY :-** Apply **BOND PUTTY** on priming surface if required.
- 3. RE PRIMING:-** Apply re priming on the putty surface.
- 4. FINISHED COAT:-** Apply two coat of **COLORLESS OR COLORED** Epoxy on above coat by notched squeegee. Once spread, the material should be rolled with a roller with a nap of 6.35 -9.5 mm to obtain a uniform surface..

Quantity Of The Mix Should Be As Low As Possible To Increase The Usable Life Of The Mix System.

SPECIFICATIONS

PROPERTIES		
Color		Grey, Red, Blue, Green, Yellow, Off White
Total solid %		99 +-1%
Mixing ratio		100:6 by weight / 100:5-5.5 by volume
Freeze Thaw stability		Satisfy
Service Temp.		-20-80oC
Viscosity Mixed		1500 cps
Pot life of mix at R.T.		40-50 minutes
Recoat Time		2-3 hours
Cure schedule	Foot Traffic	18-72 hrs
	Full Service	48 hrs at 25 oC
	Full Chemical cure	7 Days
Compressive Modules (12.7mm)		281 N/mm
Compression (12.7mm)		58 M/mm' 72 hrs. ASTM 695
Coverage		Coverage may very depends on surface

	roughness.
CHEMICAL RESISTANCE	RESULT
WATER	Excellent
25 % sulphuric Acid	Excellent
50 % sulphuric Acid	Good
20 % NaOH	Excellent
Con. HCL	Good
Shelf Life	12 MONTHS
Packing's in Tin & carboys 1.5, 15, 75 kg pack	Part-A is 1, 10 & 50 Kg and Part- B 0.5, 5, 25 kg

NOTE:- Sprinkle Quartz sand or Emery grains before finished coat if required anti skid properties.

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, REHABILITATION OF BUILDING, BRIDGE, DAM, CANAL, TUNNEL & MARINE STRUCTURES, ETC.

RESINS	PAINTS	GROUTS	CONCRETE ADMIXTURE	FLOORINGS	WATERPROOFING	ADHESIVE	LACQUERS
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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