

BOND FLOOR - ERF - 01,02,03,04,05

EPOXY RESIN FLOORING

Epoxy resin based foundation grout **A versatile system are success** because Negligible shrinkage, easy flow, Good mechanical and electrical properties, and non corrosive, Excellent adhesion to many materials, Excellent resistance to chemicals, heat and moisture, Quick strength within 3 days. Longer life of floor..

WHERE TO USE :FOR IMPACT, ABRASION,CHEMICAL , CORROSSION RESISTANCE, HEAVY DUTY, DUST PROOF, VIBRATION, THERMAL MOVEMENT, ANTI FUNGAL, ANTI MOSS,ANTI BACTERIAL IN PHARMA, FOOD, ELCTRIC, ELECTRONICS, , AUTO, CHEMICAL, TEXTILE, SURGICAL, INSTRUMENTS, 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.

METHOD OF USE:-

(1) **SURFACE PREPARATION:-** Surface Should Be Dry, Clean, Even And Free From Dust, Dirt, Paint, Rust, Algee, Grease, Soluble Salt, Or Other Contaminations And Damp Free. For Cleaning Use Hand Or Power Tools And Cleaning Chemicals / Paint Remover And Then Use Rust Remover Or Sand Blasting Wherever Required.(2 Apply primer coat on prepared surface)Apply Putty If Required (3) Before drying of putty apply mortar & seal Coat Coat. And allow it to cure for 72 hours. If required fast setting give heat to epoxy as per instruction of manufacturer.

BOND FLOOR	ERF - 01	ERF - 02	ERF - 03	ERF - 04	ERF-05
TYPE	EPOXY RESIN	EPOXY RESIN	EPOXY RESIN	EPOXY RESIN	EPOXY RESIN
Mixing ratio pbw A+B+C+D	100:50:850	100:50:10	100:55	100:55:850	100:27.5:5
POT LIFE					
25 oC Minuts	135	75	75	120	23
40oC Minuts	45	35	30	40	14
Viscosity Initial					
20 oc mPa.s		1950	1700		1120
40oC mPa.s		680	480		580
Cure Time					
20oC Hrs	24-49	24-49	24-49	24-49	24
40oC Hrs	26-24	26-24	26-24	26-24	16
PROPERTIES	OF	COMPOUND			
Compressive strength Mpa	72	34	130	81	90
Flexural Strength Mpa	23	20	75	26.5	40
Tensile strength Mpa	15	9.2	43	14	30
Impact strength (Unnotched) kJ/m ²	2.2	25	12.6	2.2	4.7
Water absorption mg	27	23	14	20.90	26.1
Density at 25 oC g/cm ²	1.77	1.1	1.12	1.9	1.12
Hardeness shore D	82	70	77	82	78
Adhesive strength M.S. to M.S. (4 sq. cm. joint area) Tensile Mpa					

Shear Mpa		13.3 11.0	9.6 8.8		11.1 8.7
STORAGE LIFE Months	12	12	12	12	12
PACKING Kg.	A-(1,5,50)B-(1,5,50) Carboys C-(50) Bag	A-(1,5,50)B-(1,5,50) Carboys C--(1,5,50) Carboys	A-(1,5,50)B-(1,5,50)Carboys	A-(1,5,50)B-(1,5,50) Carboys C-(50) Bag	A-(1,5,50)B-(1,5,50) Carboys C--(1,5,50) Carboys

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 LIKE CEMENT ADDITIVES, WATERPROOFING COATINGS,WATER REPPALENTS, CHEMICALS & ABRASION RESISTANCE FLOORINGS MATERIALS, EPOXY-POLYURETHANE RESINS, GOUTING MATERIALS, ANTI CORROSIVE PAINTS, FACADE PAINTS, SEALENTS AND ADHESIVES, RETRO REINFORCING REHABILATION MATERIALS. FOR BUILDING, BRIDGE, DAM, CANAL, TUNNEL AND MARINE STRUCTURES, ETC

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