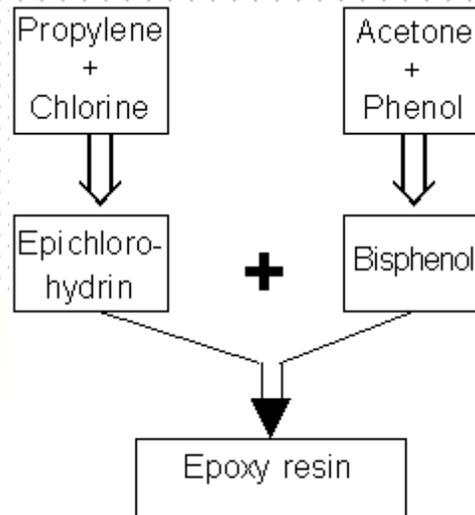


BOND GROUT - EFG - 01,02,03,04,05,06

EPOXY RESIN MACHINE FOUNDATION GROUT



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 foundation.

WHERE TO USE:- Heavy Foundation of Plastic, Automobile, Mechanical Industries, Workshops, Sugar Industries, Distillery Units, Defense and artillery Units, Foundries, Installation of Heavy Equipments, Railways Bridges, Anchor Grout, Dam tunnel, Jetty's, Turbine, Generators, Hydraulic presses, Lath M/C., etc.

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.

METHOD OF USE:- (1) Apply first primer thin coat on clean & dry surface (2) Apply or fill mortar in holes and wherever required. And allow it to cure for 72 hours. If required fast setting give heat to epoxy as per instruction of manufacturer.

BOND GROUT	EFG - 01	EFG - 02	EFG - 03	EFG - 04	EFG - 05	EFG-06
TYPE	EPOXY RESIN					
Mixing ratio pbw A+B+C+D	100:50	100:50:450	100:50:10	100:55	100:55:850	100:27.5:5
POT LIFE						
25 oC Minuts	60	135	75	75	120	23
40oC Minuts	28	45	35	30	40	14
Viscosity Initial						
20 oc mPa.s	480		1950	1700		1120
40oC mPa.s	200		680	480		580
Cure Time						
20oC Hrs	24-49	24-49	24-49	24-49	24-49	24
40oC Hrs	26-24	26-24	26-24	26-24	26-24	16

PROPERTIES	OF	CURED	COMPOUND			
Compressive strength Mpa	93	72	34	130	81	90
Flexural Strength Mpa	55	23	20	75	26.5	40
Tensile strength Mpa	97	15	9.2	43	14	30
Impact strength (Unnotched) kJ/m ²	14.3	2.2	25	12.6	2.2	4.7
Water absorption mg	44	27	23	14	20.90	26.1
Density at 25 oC g/cm ²	1.13	1.77	1.1	1.12	1.9	1.12
Hardeness shore D	72	82	70	77	82	78
Adhesive strength M.S. to M.S. (4 sq. cm. joint area) Tensile Mpa Shear Mpa	10.6 9.8		13.3 11.0	9.6 8.8		11.1 8.7
STORAGE LIFE Months	12	12	12	12	12	12
PACKING Kg.	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	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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3M Fire Barrier Mortar

