

BOND & BOND -WP-101 / 102/ 103/ 104

A DO-IT YOURSELF MULTI-PURPOSE WATERPROOFING SYSTEM

STYRENE ACRYLIC COPOLYMER SYSTEM FOR WATERPROOFING

Urethane-Epoxy coating is formulated for waterproofing & weatherproofing, resistance to abrasion, acids, alkalis, saline weather, solvents, chemicals, mould, algae and fungus growth. It forms joint less finish coat in heavy duty coating system for metal, wood, concrete and masonry surfaces for exterior and interior use.

WHERE TO USE:- Use On Terrace, wall, in Tank, Swimming pool, Sump, Filter plant, Basement, at Bridge, Buildings, Dam, Canal, Tunnel, Marine structures, Ware hoses, Chemical factories, Petrochemical plant, Oil Tank, Power plants, Work shops, Effluent treatment plants, Sewerage plants, , Godowns, Pipe lines, Terraces, Electric & electronics instruments

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) For waterproofing Visible Crack should be open & fill by paste of WP-103(or other wp system) + Filler/ cement (3) invisible /hair line crack should be fill by CAD-903(Take 1 Kg CAD-903 + 9 Kg water & fill like pond, allow 24 hrs and clean the surface. (4) Apply first primer thin coat on clean & dry surface (5) Apply second coat on first coat (6) Lay down fiber net wherever required for better result.

BOND	WP-101	WP-102	WP-103	WP-103 (M)	WP-104	LACR-04
TYPE	Acrylic Copolymer	ELASTOMERIC WATERPROOFING POWDER	Styrene acrylic copolymer	Modified Styrene acrylic copolymer	Tar modified Styrene acrylic Copolymer	Acrylic water Based clear
Color	Milky White Translucent	White / Grey Powder	Milky White Translucent	Milky White Translucent	Black / Brown	Water clear Lacquered finish
FINISH	Matt	Matt	Matt	Matt	Matt	Glossy
SOLID % BY VOLUME	28+-2%	100%	54 +-2%	44+- 2%	45% +- 2%	40% +-2%
FLASH POINT	None	None	None	None	None	None
MIXING	Single pack					
Pot Life	1 hour					
METHOD OF USE	Brush/Roller/ spray					
TOUCH DRY TIME	6-8 hours	1-2 Hours	4-6 hours	4-6 hours	4-6 hours	20-30 minutes
HARD DRY TIME	24 hours	24 hours	Over night	Over night	Over night	24 hours
FULL CURE TIME	7 days					
COVERGE / Lit./ coat (Theoretically)	10-12 Sq. Mtr. On Smooth surface	8-10 Sq. Mtr. On Smooth surface	8-10 Sq. Mtr. On Smooth surface	10-12 Sq. Mtr. On Smooth surface	8-10 Sq. Mtr. On Smooth surface	12-15 Sq. Mtr. On Smooth surface
RECOAT TIME Min/Max.	24/48 hours	1-2 hours	24/48 hours	24/48 hours	24/48 hours	1-2 hours
DFT/COAT/ LIT. IN micron	40-50 micron	30-40 micron	40-50 micron	40-50 micron	40-50 micron	30-40 micron
FLEXIBILITY	Good	Good	Good	Good	Good	Good
UV Resistance	Excellent	Excellent	Excellent	Good	Excellent	Good
THINNER	Water 1:1 Pbv	Water 5-10 %				
SUGGESTED PRIMER	Self prime					
Crack over bridging	After 28 days Passes more than 0.75 mm	After 28 days Passes more than 0.75 mm	After 28 days Passes more than 0.75 mm	After 28 days Passes more than 0.75 mm	After 28 days Passes more than 0.75 mm	After 28 days Passes more than 0.75 mm
Water Impermeability	After 28 Days passes 7.0 Bar					
Water absorption after 24 hrs.	0.2 ml	0.1 ml	0.1 ml	0.2ml	0.15 ml	0.1 ml

on CC block						
Ratio For Mortar /Screeding	1 Parts	1 parts	1 parts	1 parts		
Water	Required	Required	Required	Required		
Cement	1 bag (50Kg.)	1 bag (50Kg.)	1 bag (50Kg.)	1 bag (50Kg.)		
Sand	150 Kg		150 Kg	150 Kg		
Ratio for Laying Tiles	1 Parts	1 Parts	1 Parts	1 Parts		
Water	3 Parts	3 Parts	3 Parts	3 Parts		
Cement	1 Parts	1 Parts	1 Parts	1 Parts		
sand	3 parts	3 parts	3 parts	3 parts		
Special Uses	For waterproofing	For waterproofing	For waterproofing and anti carbonation coatings.	where there cost is main criteria.	where there cost is main criteria. And black color is not objectionable. For Water proofing layer on Terrace, sewerage plant etc.	Sp. For transparent wall coating, on China Mosaic and for floor coatings.
STORAGE LIFE Months	12 Months	6 Months	12 Months	12 Months	12 months	12 Months
PACKING LITERS	1,5, 30 & 50 Kg Carboys	1, 5, 30, 50 Kg Bag	1,5, 30 & 50 Kg Carboys	1,5, 30 & 50 Kg Carboys	1,5, 30 & 50 Kg Carboys	1,5, 30 & 50 Kg 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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