

LEADERS IN WEATHERPROOFING TECHNOLOGIES

BOND-EP-105

AQUVA EPOXY PAINT

EP-105 is a water based 2K systems suitable for formulating cold curing water emulsifiable maintenance coatings primarily for application to inorganic substrates such as plaster, concrete, masonry, etc. It is suitable for apply as coating, bonding, rendering, mortaring and for adhesion purpose for wall, floor coat , wood, concrete, cement sheet, stone, china mosaic, on tiles, timber and asphalt floor , It gives high bonding strength, dust proof, waterproof and damp proof results. This formulation gives outstanding adhesion even to difficult substrates like tin plates , aluminum or on fully cured epoxy coatings.

| SPECIFICATIONS | MIXTURE |
|--|--|
| Color | Off white, Yellow, Green, Blue, Red, Orange, Black |
| Total solid % | 48 +-2% |
| Density | 1.08 Kg/Ltr |
| Flash Point | None |
| Freeze Thaw stability | Satisfy |
| Service Temp. | -20-80oC |
| Mixing Ration A:B | 4:1 / 3:1 by weight |
| Dilution | 5-10 % by water and for more add IPA. |
| Pot life of mix at R.T. | 60-90 minutes |
| Tack free time at R. T. | 2-3 hours |
| Hard Cured Time | 7 days |
| DFT per coat | 90-120 micron |
| Coverage per coat / Kg for coatings | 90-120 Sft. on smooth surface |

SURFACE PREPARATION:

Surface must be clean, dry, sound, firm and free from oil, grease and other contaminations which will impair adhesion.

WHERE TO USE:-

Use On Terrace, wall, in Tank, Swimming pool, Sump, Filter plant, Basement, at Bridge, Buildings, Dam, Canal, Tunnel, Chemical factories, Petrochemical plant, Oil Tank, Power plants, Workshops, Effluent treatment plants, Sewerage plants, bio gas plant , Godowns, Pipe lines, Terraces, Electric & electronics instruments.

PROPERTIES AFTER CURED FILM:-

| | |
|---|---------------|
| Color / Appearance | As per supply |
| Nail hardness | excellent |
| Flexibility | excellent |
| Adhesion by cross cut method | excellent |
| Impact resistance | excellent |
| Waterproofing Properties after | excellent |
| 24 Hours | excellent |
| 48 Hours | excellent |
| One week | excellent |
| Chemical Resistance | |
| salt water | Good |
| Soap solutions | Good |
| Methane Gas | Good |
| Diluted acids | Good |
| Diluted alkalis | Good |
| vegetable oil | Good |
| Lubricating oil | Good |
| Aliphatic Hydrocarbons | Good |
| TENSILE SHEAR STRENGTH , PSI AT 25o c | |
| Aluminum at 25oC | 3290-3560 |
| Aluminum at 65oC | 1260-2852 |
| Aluminum at 25oC after 20 days immersion in water | 2200-2300 |

Packing: Liquid: Part-A- 4 & 16 Kg Part-B- 1 & 4 Kg. Carboys/ Tin

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,



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