



BOND EP

Epoxy resin concrete bonding agent

DESCRIPTION:-

Vista Bond EP is based on solvent free epoxy resin containing pigments and fine fillers. It is supplied as a two part material in preweighed quantities for ready onsite mixing and use.

USES:-

For bonding new cementitious materials to existing cementitious surfaces. For use on horizontal surfaces and on vertical surfaces where mortar or concrete can be supported by formwork. Ideal for extensions and repair to structural concrete in buildings, loading, bays, bridges, roads, bonded or granolithic floor toppings etc.

DESIGN CRITERIA:-

Vista Bond EP is designed with an overlay time of 10 hrs at 30°C, 5 hrs at 45°C making it more suitable for use where additional steel reinforcement and formwork has to be fitted or where temperature is high. The minimum application temperature for Vista Bond EP is 10°C.

PROPERTIES:-

| Temperature | 20°C | 30°C |
|----------------------------------|---------|----------------------|
| Pot Life | 5-6 hrs | 2-3 hrs |
| Full Cure | 7 days | 5 days |
| Overlay time | 10 hrs | 6 hrs |
| Compressive Strength (ASTM D695) | | 70 N/mm ² |
| Tensile Strength (D 638) | | 30 N/mm ² |
| Shear Strength (BS 6319 Pt 4) | | 10 N/mm ² |

SURFACE PREPARATION:-

All surfaces to be treated must be firm, dust free and clean. Any lenience should be removed by light scabbling wire-brushing. In some cases, the existing concrete must be chipped to a sound substrate. Where surfaces are contaminated with oil or grease, this should be removed by using a strong industrial detergent or organic degreaser. Surfaces should be washed thoroughly with water and dried before the application of Vista Bond EP

MIXING:-

The entire contents of the hardener can should be poured into the resin container and the two materials thoroughly mixed until a uniform colour is obtained.

APPLICATION:-

Vista Bond EP should be applied as soon as the mixing process has been completed. It should be brush or roller applied to the prepared surfaces, being sure to achieve an unbroken coating across the entire substrate.

Vista Bond EP should be tacky before the new concrete, screed or mortar is placed.

PACKAGING:-

Available in 0.6kg kits and bigger size also available
Vista Solvent - 5ltr Jar.

COVERAGE:-

Approximately 3.0 - 4.0 m²/kg. Actual coverage will depend upon the texture and porosity of the substrate being covered.

SHELF LIFE:-

12 months if stored under normal warehouse conditions below 35°C, in unopened containers.

PRECAUTIONS HEALTH AND SAFETY:-

Contact with skin and eyes should be avoided. Gloves should be used when handling these products. If contact with the resin occurs; wash immediately washed with a strong detergent or a resin removing cream. Eye contamination must be immediately washed with plenty of water and medical treatment sought.

FIRE:-

The entire contents of the hardener can should be poured into the resin container and the two materials thoroughly mixed until a uniform colour is obtained.



Manufactured & Marketed By:

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