



DP BONDING AGENT

High Strength Epoxy Compound

DESCRIPTION

“DP BONDING AGENT” is a three component epoxy resin system comprising of Pack-A (Resin), Pack-B (Catalyst) and Pack-C (Selected Filler). It is mainly used to permanently bond freshly mixed concrete or mortar, glazed bricks, tiles, steel or other structural materials to old sound concrete. It is 100% Epoxy and contains no solvents or water diluents.

ADVANTAGES

- ◆ “DP BONDING AGENT” provides a bond of far better strength than the tensile strength of the concrete itself, and suitable wherever structural bonding of new to existing concrete is carried out.
- ◆ Can be used as a bonding agent for mortars, renders, stone, steel, iron etc.
- ◆ Cures in both dry and damp conditions.

METHOD OF USE

SURFACE PREPARATION

Surface should be cleaned, dry, free from loose particles, oil, grease or other foreign materials. Deep contaminated concrete or metal should be thoroughly cleaned by wire brush.

MIXING

Mix all the pre-weighed Pack-A (Resin) with all the pre-weighed Pack-B (Catalyst) and add gradually all the pre-weighed Pack-C (Selected Filler) to this mix thoroughly preferably with a low speed electric drill and paddle.

APPLICATION

Apply a thin layer of “DP BONDING AGENT” with brush to the existing surface, working well into the substrates. Place fresh concrete / mortar while it is still ‘tacky’. Should “DP BONDING AGENT” cure past its ‘tacky’ stage then a second coat may be applied prior to placing the freshly mixed concrete or mortar.

CURING

Good concrete practice should be followed in placing, consolidation and curing of concrete. Curing is of particular importance in thin sections.

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COVERAGE

“DP BONDING AGENT” will cover at the rate of 0.2 – 0.8 Kg per Sq. Mtr. depending upon the surface porosity, texture and working temperature.

PACKAGING

“DP BONDING AGENT” is available in 1kg and 9Kg Kits. All packs contain pre-measured components of Packs – A, B & C.

HANDLING PRECAUTION

“DP BONDING AGENT” may cause irritation of the skin to some individuals if incorrectly handled. The components should not be allowed in direct contact with the skin. Wear rubber gloves for effective protection.

TECHNICAL SERVICE :

SWC group maintains a technical division with highly qualified technical personnel to investigate and advise on subjects related to Concrete and the Construction Industry. The Division can advise on the correct use and selection of right products at the right place.

SWC undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures. SWC undertakes Contracts on turnkey basis for total Waterproofing System with guarantee

NOTE : This Technical data sheet is to be used as guidance only. Although the basic formulation of the product remains unchanged, production refinements arising from continuing research and evaluation programmes may occasionally result in marginal change in properties. The recommendation and properties of the product based on continuous monitoring of the product are not intended to infringe on other patents.

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