WATERPROOFING WORK AT
ROOF, MUMTY, LIFT MACHINE ROOM SLAB,FIRE REFUGE SLAB & TERRACEUSING **HIND HYDROLAST-2K (HP)**

APPLICATION INSTRUCTIONS

STEP - 1

SURFACE PREPARATION

1. The surface must be made sound & free from dust, dirt & loose particles by thoroughly wire-brushing it.
2. If a grinder is required, it may be used. Clean the dust with a vacuum cleaner.
3. Wash the surface with water. Oils & grease must be removed by degreasing solvent.
4. If any damage or existing crack are found on the surface, to be repaired by cutting **1"- V groove** and filling the same using **'Hind Patch R'- Fiber Reinforced Repair Mortar(1kg Patch-R:160 gm water)** over a bond coat of **'Hind Styrene BR'** admixed with water & cement in the ratio of **(1 part Hind Styrene BR: 1 part Water: 3 Parts Cement)**
5. Champhering all junctions of mother concrete slab & brick walls with **HIND CRETE PLUS WPM** modified cement sand mortar at the ratio of **(1 part cement: 4 parts sand: wpm 5-10% weight of cement)** after cutting a groove of size 25mm x 25mm.
6. All pipe inserts in floors & walls should be properly sealed with **HIND HSMC(1 kg HSMC: 160 gm water)** over a bond coat of epoxy bonding agent **HIND BOND EBA** modified cement sand mortar.

STEP - 2

WATERPROOFING COATING

1. Supplying and applying one coat of waterproof coating **HIND SBR LATEX (1 part Hind Styrene BR: 1 part Water: 3 parts Cement)** on the prepared surface on floors & up to 1 m height on walls.
2. Supplying and applying two coats of waterproof coating **HIND HYDROLAST-2K (HP)** on the prepared surface on floors & up to 1 m in height on walls. Consumption of the product is 1.2 to 1.6 Kg /m^2 in two coats with Hind Fiber Glass. **Coverage depends on the surface's porosity and texture**. Thickness of Layer 1.5 - 2mm, average thickness with Hind Fiber Glass. All substrates should be in SSD condition prior to using **Hind Hydrolast 2K (HP).**
3. Glass fiber wire mesh should be placed on the 1st coat until the coating is wet.
4. Allow the surface to dry.
5. After the 1st coat is completely dry, apply the 2nd coat to create a sandwich coating system.
6. Dry sand has to be sprinkled on the coated surface until the 2nd coat is in a tacky condition to provide a key for the subsequent plaster.

STEP - 3

PROTECTIVE PLASTER (ONLY WALL)

1. Coating will then be covered with 15 - 20 mm thick (1:4) cement sand plaster admixed with **HIND PLAST IWA (100ml for 50kg cement) & HIND PP FIBER (125gm for 50kg cement).**

OR

PROTECTIVE SCREED (FLOOR)

1. Providing and laying of 75mm average thick screed concrete (1:2:4) in proper slope with **HIND PP FIBER (125gm for 50kg cement)& HIND PLAST IWA(100ml for 50kg cement).**

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