

WATERPROOFING WORK AT ROOF, MUMTY, LIFT MACHINE ROOM SLAB, FIRE REFUGE SLAB, TERRACE USING HIND CRETE PLUS WPM

APPLICATION INSTRUCTIONS

STEP - 1

SURFACE PREPARATION

1. Surface must be made sound & free from dust, dirt & loose particles by thoroughly wire brushing the surface.
2. If required, a grinder 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. Chamfering all junctions of the mother concrete slab & brick walls with 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 coats of water proof coating **HIND SBR LATEX(1 part Hind Styrene BR: 1 part Water: 3 Parts Cement)** on the prepared surface on floors & upto 1m height on walls.
2. Supplying and applying two coats of waterproof coating **HIND CRETE PLUS WPM**, which is to be mixed with cement in the ratio **1:2.(1 part HIND CRETE PLUS WPM & 2 parts Cement)** on the prepared surface on the entire floors & walls. Consumption of the product (**HIND CRETE PLUS WPM**) is approximately 1kg/Sq. Mtr. with fibre mesh in two coats. The consumption may vary depending on the surface and absorption of the surface. All substrates should be in SSD condition prior to using **HIND CRETE PLUS WPM**.
3. Glass fibre wire mesh should be placed on the 1st coat, till the coating is in a wet condition.
4. Allow the surface to dry.
5. After getting 1st coat completely dried 2nd coat should be applied to make a sandwich coating system.
6. Dry sand has to be sprinkled on the coated surface till the 2nd coat is in a tacky condition to provide a key for 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)**.