

HYDROCOAT BOND – F

[FLEXIBLE CEMENTITIOUS WATER PROOFING SYSTEM]

GENERAL DESCRIPTION:

HYDROCOAT BOND – F is a two-part system. It is an excellent water resistant barrier. It will have resistance to both positive and negative pressures.

Uses :

- HYDROCOAT BOND – F has excellent “Flexibility” which will take care of hair cracks.
- It forms an excellent water proofing membrane.
- It will have resistance both positive and negative pressures, so it can be used as a universal water proofing membrane at all places.
- It has excellent adhesion to substrate.
- It has breathing property ie it allows water vapour from from the interiors of the substrate to come out.
- It is food grade.

PROPERTIES:

	PART – I	PART – II
1. BASE	Mineral compound	Polymer
2. COLOUR	Grey	White
3. Workability:	60 minutes at 30 ⁰ C.	
4. Bonding Capacity:	2.0 N/mm ² .	
5 Tensile Strength :	1.8 N/mm ² .	
6. Crack Extension:	20%.	
7. Water Pressure resistance :	upto 70m water columns as per DIN 1048.	

APPLICATIONS:

HYDROCAOT BOND – F can be applied for

- A) Water tanks.
- B) Bathrooms.
- C) Water proofing in swimming pools.
- D) Cellars, both exterior & interior of building (new and old building).

CONSTRUCTION THROUGH CHEMISTRY

METHOD OF USASGE :

- A) **SURFACE PREPARATION :** The surface has to be clean from dirt, grease and oil. Use cleaning agents for this purpose. All holes in the substrate have to be filled up and leveled with cement screed.
- B) **MIXING :** Take Hydrocoat Bond – F (part –II) in a suitable container, slowly add the Hydrocoat Bond – F (part – I) to the container, stir the mixture with mechanical stirrer. To get brushable consistency about 10% (2 litre) water has to be added. Apply Hydrocoat Bond – F in two coats, first coat in vertical and second in horizontal coat for complete cover the substrate. The thickness of the two coats must be less than the 1000 microns.

C) CONSUMPTION:

- 1) For normal applications like on terrace, balconies : 1.0 to 1.25 K/m² .

2) For critical applications like in water tanks, swimming pools : 1.5 to 2.5 Kg/m².

NOTE:

1. In single coat Hydrocoat Bond – F consumption should not exceed.
2. On Hydrocoat Bond – F membrane, plastering to be done.

SUPPLY : 10 and 20 Kg packs.

SHELF LIFE : 6 months.

PRECAUTION :Hydrocoat Bond - F is non – toxic and non – flammable. Any splashes on to the eyes have to be immediately washed with plenty of water and medical advice has to be taken.

The customer should make his own trials to determine the compatibility of the product for his own purpose. All products are sold subjects to our standard terms and conditions of sale.

BOND CONSTRUCTION CHEMICALS

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