



# HIPPO BOND

— Tile & Stone Solutions —

## **H-13 Flexi Guard 2K Cementitious Waterproofing Data Sheet**

### **Description**

- H-13 Flexi Guard Cementitious Waterproofing is an elastomeric, flexible, two component polymer modified Cementitious coating system that requires only on-site mixing, forming ideal waterproof coating on concrete, masonry, and most other construction materials.

### **Advantage**

- Approved for potable water contact flexible enough to bridge hairline cracks. High resistance to the effect of long-term weathering, durable in all climatic conditions, including UV attack, excellent bond to concrete and masonry, durable and economical easily brush applied.

### **Areas Of Application**

- As a waterproof coating for water-retaining structures
- As a heavy waterproof coating for roofs, wet areas, water tanks and basements
- To provide foundation protection
- For coating seawater channels
- As a backing to marble and granite to prevent water ingress and thus eliminates surface staining
- Sunken slabs in bathroom & Toilet
- Chajjas & parapet wall



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## Method Of Application

### Surface Preparation

- The Surface must be sound and free from dirt, dust & loose particles.
- Thoroughly wire brush the surface and clean the dust by a vacuum cleaner. Wash the surface with water, oil & grease must be removed using degreasing solvents.

### Technical Information

Properties	Specification
Pot life	30-40 minutes
Mixing ratio	2 part powder: 1 part liquid
Application temperature	25-35°C
Elongation	100-120%
Tensile strength	2.5 N/mm <sup>2</sup>
Recoatable	Yes

## Mixing

### Mixing Instructions

- Shake the liquid component well. Use heavy duty slow speed mechanical mixer fitted with a suitable paddle for mixing the to component of the material. In a mixing vessel, slowly ad the powder component to the liquid under continuous stirring to achieve a lump free homogenous slurry.



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## Application Method

- Examining brick bat coba and masonry in walls and repair cracks and hollow portions, if any, with mortar prepared using H-13 Flexi Guard Cementitious Waterproofing.
- If concealed pipes are deteriorated, remove coba or screed. Clean the surface, saturate with water and remove excess water, if any, and bring to touch dry state. Using a wet 4 "paint brush, apply the first coat of the mixed H-13 Flexi Guard Cementitious Waterproofing on the prepared surface. Apply to vertical surfaces also, till 15 cm from the tiling level. Allow to dry 4 to 6 hours. Prepare another batch of H-13 Flexi Guard Cementitious Waterproofing & apply a second coat in the direction 90° to first coat the Overlay protective screed. Use cement-sand in 1:3 along with H-13 Flexi Guard Cementitious Waterproofing.  
Overlay screed within 48 to 72 hours. Lay concealed pipes and traps. Finally, the brickbat coba of screed using M20 concrete is laid to the proper slope. All pipe inserts in wall and floors must be properly grouted with H-13 Flexi Guard 2K Cementitious. Waterproofing the area around traps and concealed water pipes should be filed with polymer-modified mortar using H-13 Flexi Guard Cementitious Waterproofing. The entire splash zone of the bathrooms is now ready to be waterproof with H-13 Flexi Guard Cementitious Waterproofing. Apply on a vertical surface till 2,2 meters (7 feet).
- Apply 4 to 6 hours, apply second coat @90° to first coat. Sprinkle coarse sand on the second coat when it feels wet, to provide key for the subsequent plaster coat.

## Coverage

- The coverage rate for each layer will be strongly influenced by the roughness of the substrate. The approx. coverage at even consistency (1 mm Thickness) is as 1 Kg mixed material shall cover 6-7.5 Sq. feet in 2 coats.



## Packaging

- Available in 15 kg packing

## Shelf Life

- H-13 Flexi Guard 2K Cementitious Waterproofing has 12 months seal pack in ideal storage Conditions in a cool, dry place

## Health And Safety

- H-13 Flexi Guard 2k Cementitious Waterproofing is non-toxic, but it is alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought.
- H-13 Flexi Guard Cementitious Waterproofing components are non-flammable.

### Disclaimer

- Information provided on this data sheet is the guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage.
- There is no implied guaranty/warranty for the results and the company is not liable for any consequential damages.

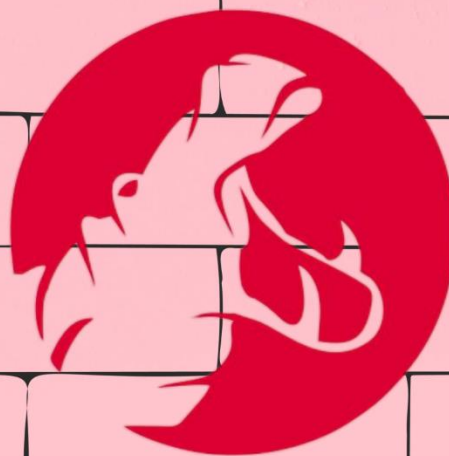


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## Areas Of Application

Areas	Application
Basements	Yes
Bathrooms	Yes
Watertanks	Yes
Balconies	Yes
Swimming Pools	Yes



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