

ACEFLOOR HFC

Cement Based Surface Hardening Powder Mixture

DESCRIPTION

Acefloor HFC is a cementitious premixed shake-on floor hardener based on specially selected and graded silica aggregate and is ready to use. It is evenly sprinkled on fresh concrete and floated to a smooth finish.

It provides increased wear resistance to surface.

USES

Acefloor HFC is used to produce abrasion resistant monolithic floor topping for surfacing concrete in:

- Lobbies
- Restaurants
- Showroom
- Factory and warehouse floors
- Commercial and Industrial facilities
- Carparks, etc.

ADVANTAGES

- Increase wear abrasion and impact resistance.
- Resistance to mild chemicals such as agricultural chemicals, fertilizers, oil and greases provided it is cured and specially surface sealed with a product recommended by our Technical Dept.
- Minimize surface dusting.
- Very high compressive and flexural strength.
- Economical and easy to layover the freshly placed floor concrete.
- Non-toxic, chloride free, safe to use.

PACK SIZE

Available in 30 kg Bag in Light Grey Colour

Yeild 30 kg Acefloor HFC will 4.2 to 6m² concrete for heavy to light duty flooring.

PERFORMANCE STANDARDS

BS - 882 1983 (Aggregates from natural sources for concrete).

APPLICATION

Acefloor HFC is applied at a rate of 5 to 7 kg/m² onto freshly placed, fully compacted and screeded good quality concrete.

Acefloor HFC should not be applied to concrete containing chlorides, high alumina cement or air contents in excess of 6%.

The bleed water on the concrete surface should be removed if necessary and then sprinkle 3 to 5 kg/m² of the material onto the surface of the concrete and leave for a few minutes to allow the powder to absorb moisture from the surface of the concrete. When the powder appears damp or wet, it should be worked into the surface with wood float or power-trowel. The surface should not be trowelled if the concrete is still wet or plastic.

Immediately the first layer is trowelled in, the remaining 2kg/m² of the powder is sprinkled onto the surface. Once again, when the powder becomes damp it should be well worked into the surface using the power trowel. Immediately following on from this finishing operation, a curing membrane should be applied to prevent rapid moisture loss from the surface.

TYPICAL PROPERTIES

Shrinkage : Acefloor HFC has extremely low shrinkage.

Abrasion : Extremely high abrasion resistance.

Chemical Resistance : Consult our Sales Technical Dept.

Compressive strength : At water contents obtained in practical applications Acefloor HFC will achieve a very high compressive strength. Acefloor HFC when tested at a water powder ratio of 0.10 typically yields the following values:

Typical Values :

| Age (days) | Compressive strength (N/mm ²) |
|------------|---|
| 1 | 40 |
| 7 | 70 |
| 28 | 85 |


PRECAUTIONS

- **Cleaning** : All equipment must be cleaned with water immediately after use. Mixes containing this product must not be emptied into drainage systems.
- **Protection** : All works must be protected from rain, frost until fully hardened.
- **Storage** : Shelf life 12 months when stored in dry conditions at moderate temperature and humidity.

CAUTION

Observe reasonable care and employ ordinary hygienic principles such as washing the hands with soap and water before eating or smoking. It is recommended to wear gloves, goggles and nose masks while application. In case of splashes on the skin, dampen the cloth with thinner and wipe the hands with the cloth. Wash then with soap and water. Dried film is nontoxic. In case of contact with eyes, rinse with plenty of water and seek medical advice. In case of continuous exposure to vapour, the applicator should be immediately moved to get fresh air.

CUSTOMER SERVICE

For any query related to product availability, cost, coverage, applicators, installation instructions, problems and trouble shooting, contact customer service executive on our  customer help line +91 963 260 5577 or write email to customercare@acebond.in

For product or other information, please write us to info@acebond.in Visit us at www.acebond.in

WARRANTY

Acecrete Adhesions India Pvt Ltd warrants to the original purchaser that its product shall be free from defects in material for a period of one year from the manufacturing of the product. Our sole liability under this warranty shall be limited to the replacement of our purchased product if proved defective under normal handling as stated in the TDS. This warranty will not extend to any other product or items which were handled along with our product. This warranty or any other legal issues or claims are subject to Kundapura jurisdiction only.

DECLARATION

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind expressed or implied is made with respect to the information provided since conditions of use, application method and surface preparation at site are beyond our control. All legal issues are subject to Kundapura jurisdiction only.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

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