



HEST

HESTFLOOR HT®

Non-metallic, Solid Floor for New Substantial Surface Hardener

Product Description

HESTFLOOR HT is a substantial hardener that produces thick, hard surfaces on even concrete in common and vehicular rush hour gridlock regions. HESTFLOOR HT is a mixed powder, which is prepared to use nearby. It comprises of extraordinary hardwearing totals, which have been chosen for their fantastic scraped spot and water opposition, and extraordinary added substances and different synthetic compounds, works on its usefulness and makes it simple to scoop into the outer layer of new wet cement.

Application

HESTFLOOR HT Gives a high scraped spot safe surface to substantial floors by the dry shake technique that guarantees that the hardwearing surface bonds solidly to the base cement. HESTFLOOR HT Gives one of the hardest wearing, influence safe non-tidying floor

applications such as:

- Production lines and studios.
- Food processing plants.
- Gas stations
- Parking areas, garages, service stations, etc.

Advantages

- High effect safe
- Structures solid bond with new substantial base.
- Non-stain and non-cleaning.
- Slip safe.
- Scraped area and effect safe surface.
- Diminishes upkeep costs.
- Diminishes cleaning entrance of forceful fluids.
- Financial prepared to utilize pressing.
- Hard, thick surface, impervious to oils and oil.

Technical Properties

Hestfloor HT abrasion resistance	Further develops the scraped area obstruction of cement by >200%. Scraped area Obstruction (ASTM D4060) Control: 372.2 mg loss – HESTFLOOR HT: 176.6 mg loss (CS17 cycles 1000g)
Pull off to concrete	The mean worth is 1.7 N/mm ² (ASTM D4541)
Compressive Strength	As per (BS 1881 PT4, 1970 clause 2 and ASTM C 109) at water contents comparable to those acquired in reasonable applications, the ordinary multi day compressive strength (28days) of Hestfloor HT cubes is 35-40 N/mm ² .
Water Absorption	The mean rate is 9% (ASTM C 413)
Colors	HESTFLOOR HT is available in standard colors, Grey, Green, Beige and Red...etc.
Theoretical coverage	The inclusion of Hestfloor HT relies upon the end utilization of the floor. Application rate ought to conform to inclusion prescribed for that utilization to give the accompanying yields. Light Traffic: 3 Kg/m ² Moderate Traffic: 5 Kg/m ² Weighty Traffic: 7 Kg/m ²
Expansion Joints	Will be introduced as per neighborhood construction regulations. Never span a development, constriction, or development joint
Packaging	15 Kg Bag
Shelf Life	Shelf life is at least 12 months, in original sealed containers, also it must be protected from direct sunlight.



Surface Preparation

- The base cement ought to have a base concrete substance of 300 Kg/m³.
- The substantial blend ought to be intended to limit isolation and dying.
- Free water concrete proportions of under 0.5 are required.
- The substantial ought to have a downturn of somewhere in the range of 75 and 100 mm..

Mixing

2.0 litres of water per 15 kg bag as 10 % water by weight of powder.

Always pour the entire contents of the bag into an appropriate mixer. Mix the dry material for 3 minutes before adding water.. Mixing should be done using either a slow-speed drill (400-600 rpm) with a clean, rust-free mixing paddle, or a forced action mixer.

Application

Hestfloor HT is applied at various rates to give floor surfaces appropriate to various kinds of modern use (see inclusion). Partitioning the floor into zones of a realized area is suggested. Adequate material ought to then be spread on a mission to meet the necessary spread rates Hestfloor HT has two phases of use and can start when the base cement has hardened to the moment that light people walking through leaves an engraving of around 3 mm.

Stage I:

A big part of the Hestfloor HT measurements is uniformly spread over the substantial surface.

At the point when the material turns out to be consistently dull by the ingestion of dampness from the concrete, it very well may be drifted with wooden floats, or on huge regions the plate of a power float might be utilized. It is significant in any case, that the surface isn't exhausted.

Stage II:

Following drifting, the leftover Hestfloor HT measurement is spread equally over the surface.

Again dampness is retained and the surface can be drifted similarly as in the past.

Last completing of the floor utilizing the edges of a power float can be done when the floor has adequately hardened.

General Precautions

- Care should be taken when curing in hot, sunny, or windy conditions.
- Do not apply when the temperature is 5 °C or due to fall below 5 °C within 24 hours.
- Pot life at 20 °C approx. 30 - 40 min.

Cleaning

Application tools should be washed with soap and water immediately after use

Health and Safety

- Use goggles, gloves, and a breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Remove splashes from the skin with hand cleaner or soap and water.
- Eye splashes are to be washed with plenty of water.
- If ingested seek medical advice.

Additional Information

HEST provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. HEST designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction. HEST reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. HEST extends technical services to include after-sales support to assist users in the proper handling of our products.

