

FIBFLOOR-HTM

Non - Oxidizing, Heavy Duty Metallic Floor Hardener

Non - Oxidizing, Heavy Duty Metallic Floor Hardener
FIBFLOOR HTM

Master Format #: FIB9905-02

Revised: 4.08

DESCRIPTION

Fibfloor HTM is a dry shake, metallic floor hardener with cleaned and graded, non-oxidizing metallic aggregate in a high strength cementitious binder. Designed to be incorporated into fresh concrete slabs. Fibfloor HTM provides a dense, tough surface with six times abrasion resistance than plain cured cement concrete & is capable of withstanding the abrasion and impact loading seen by floors slabs of with numerous industrial and manufacturing facilities.

Fibfloor HTM has been specially formulated with a non-rusting aggregate for increased abrasion resistance in areas subject to frequent moisture or water exposure. Fibfloor HTM can also be mixed in a mortar consistency and placed along joints to provide shoulder reinforcement. Other colours are available in addition to the standard natural colour.

AREAS OF APPLICATION

- Industrial Floors
- Warehouses
- Processing Plants like fertilizer/Petrochemical units
- Vehicle maintenance shops
- Loading Docks
- Main, High Traffic Aisle ways/Gangways
- Machine Shops
- Breweries and Bottling Plants
- Joint Shoulders Reinforcement.

FEATURES & BENEFITS

- Provides a high strength wearing surface in areas subjected to constant or frequently wet conditions without oxidizing.
- Gives up to 6 times the abrasion resistance of plain, cured concrete.
- Metallic aggregate is free of rust, oil or other contaminants.
- Dense surface resists penetration of oil, grease, and many other liquids.
- Virtually non-dusting in service, easy to clean and maintain
- Can be applied at coverage rates upto 14.6 kg/m²
- Available in 8 standard colour.

APPLICATION METHODOLOGY

For the standard application techniques of a dry shake floor hardener, a pre-job meeting is suggested to review the project concrete mix design as well as placement and curing details unique to the particular job. Base concrete should have minimum cement level of 300 kg/m³ and slump @ 50 to 70 mm. It should be minimum 50 mm thick in case of manual finish & 100 mm thick in case of power trowel finish.

ARMORED JOINTS

Fibfloor HTM may also be used as a mortar in constructing armored floor joints. These joints provide added wear resistance at joint edges increasing the serviceable life of the floor. Consult Fibrex Construction chemicals Pvt. Ltd. for recommended procedures and ratio of usage.



FIBREX CONSTRUCTION CHEMICALS PVT. LTD.

Plot No. 73, First Floor, New DLF Industrial Area, Faridabad-121003, Phone: 0129-4081412, Fax-0129-4113488 Email: sales@fibrexchem.com. Website: www.fibrexchem.com

In addition to the information in “Application Instruction – Dry Shake Floor Hardeners”, the contractor should consider the following when installing Fibfloor HTM Coloured (pigmented) dry shakes

- Coloured (pigmented) dry shakes require special attention for a uniform colour. If the job involves placement of coloured Fibfloor HTM, care should be taken with regards to the following:
 - a. Delay application of the shakes as long as possible to get the maximum colour saturation at the surface of the slab.
 - b. Apply the shake as evenly as possible and in two applications for maximum uniformity.
 - c. Best appearance is achieved by hand trowelling the final finish.

COVERAGE

Fibfloor HTM may be applied at rate 3.5 Kg/m² over green concrete for normal traffic & 6-12 kg/m² for heavy traffic. Higher application rates yield better abrasion resistance. Greater application rates may be used with special considerations. Contact Fibrex Construction Chemicals Pvt. Ltd. representatives for recommended procedures.

PRECAUTIONS

- Proper curing and sealing is required.
- Air-entraining admixtures may complicate finishing operation. Contact Fibrex Construction Chemicals Pvt. Ltd. if application of this product will be over air-entrained concrete.
- Air content must be below 3%.

STORAGE

Store in dry place.

PACKAGING

Available in 25 kg, 50 kg bags.

WARRANTY : Fibrex Construction chemicals Pvt.Ltd (“Fibrex”) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Fibrex, no other representations or statements made by Fibrex or its representatives, in writing or orally, shall alter this warranty. FIBREX MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Fibrex product fails to conform with this warranty Fibrex will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Fibrex does not authorize anyone on its behalf to make any written or oral statements which in any way alter Fibrex’s installation information or instructions in its product literature or on its packaging labels. Any installation of Fibrex products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Fibrex’s products for the Buyer’s intended purposes.