



# FLOORHARD® FERROSTRONG

High Performance Floor Hardener Additive

## PRODUCT DESCRIPTION:

**FLOORHARD® FERROSTRONG** is a dry shake, metallic floor hardener with graded non-oxidising metallic aggregates in a high strength cementitious binder. The product is designed to provide a dense, tough surface capable of withstanding the abrasion and impact loading seen by floor slabs of numerous industrial and manufacturing facilities. **FLOORHARD® FERROSTRONG** is also available in additional dark colours to the standard natural gray colour.

## USES:

### PRIMARY APPLICATIONS:

- Industrial Floors
- Warehouses
- Processing Plants
- Passenger and Freight Terminals
- Vehicle Maintenance Shops
- Loading Docks
- Main, high traffic aisle ways
- Towveyors
- Distribution Centres

### FEATURES/BENEFITS:

- Provides a high strength wearing surfaces in areas subject to constant or frequently wet conditions without oxidising.
- Metallic aggregate is free from rust, oil or other contaminants.
- Dense surface resists penetration of oil, grease and other liquids.
- Virtually dust-free floor
- Can be applied at the coverage rates up to 15 kg/m<sup>2</sup>.
- Available in 6 standard colours.
- Joint shoulders reinforcement

## APPLICATION DATA:

### DIRECTION FOR USE:

The contractor and engineer are encouraged to consult and review the Multichem bulletin 'Application Instruction-Dry Shake Floor Hardener'. The document offers instructions detailing the general installation of dry shake floor hardener.

Coloured dry shakes require special attention for uniform color.

Care should be taken with regards to the following:



MULTICHEM GROUP | 1, 1<sup>st</sup> Floor, Kirtida Bungalow, Bhandup (E), Mumbai-400042,

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1. Delay application of the shake as long as possible to get the maximum colour saturation at the surface of the slab.
2. Apply the shake as evenly as possible to get uniform colour.
3. Do not burnish trowel the floor. Best appearance is achieved by hand trowelling the final finish.

**Curing and Sealing:** The floor is recommended to be cured and sealed with **Concure R, FloorSeal Clear or Floorseal Color**.

## TECHNICAL DATA

Properties	Values
Coverage:	Approx. 4-12.5 kg/m <sup>2</sup>
Relative Abrasion Resistance: (ASTM C779)	300% of Plain Cured Concrete (28 days)

## STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C.

## WARRANTY

Multichem warrants **FLOORHARD® FERROSTRONG** to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **FLOORHARD® FERROSTRONG**.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of **FLOORHARD® FERROSTRONG**.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.



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