



FloorHard-M

DRY SHAKE METALLIC FLOOR HARDENER

Product Description

FloorHard-M is a dry shake, metallic floor hardener with cleaned and graded, non-oxidising metallic aggregate in a high strength cementitious binder, designed to be incorporated into fresh concrete floors. It provides a dense, tough surface capable of withstanding the abrasion and impact loading seen by floor slabs of warehousing, industrial and manufacturing facilities. FloorHard-M has been specially formulated with a non-rusting aggregate for increased abrasion resistance in areas subject to high traffic exposures.

FEATURES & BENEFITS

- High abrasion and impact resistance – Long service life
- Better abrasion resistance than plain concrete – Extended service life
- Non-slip – Improved safety for personnel and forklifts in wet environments.
- Dense surface
- Easy application at time of placing concrete – Floor available for full service once concrete is fully cured.

ADVISED DOSAGES ;

The quantity of FloorHard-M required should be determined according to the anticipated floor service conditions.

-Light Duty: 3-5 Kg per Sqmtr

-Moderate Duty: 5-6 Kg per Sqmtr

-Heavy Duty: 6-8 Kg per Sqmtr

The maximum recommended dosage for Vacuum dewatered floors is 5 Kg/Sqmtr

APPLICATION METHOD

THE TIME OF THE APPLICATION IS VERY IMPORTANT IN ORDER TO DERIVE FULL BENEFITS OF **FloorHard-M**,

If **FloorHard-M** is applied too early, it will absorb extra water & hard wearing aggregate may sink to the bottom. If application of **FloorHard-M** is delayed, no moisture from the concrete surface will be available to hydrate **FloorHard-M**, resulting in poor pitted surface. As a guide, THE APPLICATION SHOULD BE MADE BETWEEN 1 Hours-1.5 Hour i.e. when surface water on concrete is COMPLETELY EVAPORATED. (When tested with standing on, it leaves an impression but concrete does not stick to the foot). (Separate Application guide is available on request). The application rate is 3-6 kg/m² of **FloorHard-M** Powder.

APPLICATION AREAS

- New concrete floors in industrial environments .
- New concrete floors in industrial warehouses and storage areas for goods.
- Loading and unloading platforms and access ramps for car parks and garages in internal and external areas.
- Floors in airport and customs hangars.

- Concrete floors in stock rooms and workshops.
- New concrete floors in commercial environments (shopping centres, shops, showrooms).

PACKAGING

FloorHard-M is supplied in 25 Kg bag packing

TESTED

FloorHard-M is tested as per IS:1237 / 1980

SHELF LIFE & STORAGE :

FloorHard-M will have a shelf life of 06 months in unopened bags when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.