



HARDFLOOR (M)

Metallic floor hardener

Description

It is ready made dry floor hardener for concrete surface. It consist of specially treated metallic aggregates and binder.

Advantages

- Higher resistance to abrasion, wear and tear
- Free from dusting, easily cleaned and attractive floor
- Available in wide ranges of colors
- Uniform, dense and impermeable surface
- Low maintenance cost

Uses

- Garages
- Aircraft hangers
- Mechanical workshops
- Warehouse
- Assembly house of automobile industry

Standard Compliance

- IS 2571:1970, BS 1881 part 116

Application Rate

PROPERTIES	RESULTS
Light traffic	3 kg per m ²
Medium traffic	5 kg per m ²
Heavy traffic	7kg per m ²

Technical Information

PROPERTIES	RESULTS
Appearance	Colored powder
Compressive strength after 28 days	>80 Mpa
Avg. Abrasion Test in mm (IS 1237:2012)	<0.3

Method of Application

- Application is by traditional dry-shake method, onto concrete, at approximately initial set during plastic phase. It is ideally applied to a surface which is neither too wet nor too dry. Well-proportioned Concrete Mix Design is essential. The concrete supplier should ensure that cement contents, w/c ratios, slumps are generally in accordance as per requirement.

Benefits

- **Abrasion resistance:** It has high resistance against wear and tear of floor and is more durable in low maintenance cost.
- **Handling:** HARD FLOOR (M) is very easy in handling and application.
- **Compressive strength:** sand grains with metals present in HARD FLOOR (M) will ultimately increase the compressive strength.

Coverage

- 3ft²/kg @ 1mm thickness

Limitation

- Not to be used where floor surfaces will be exposed to acids, salts or other materials which seriously and rapidly attack cement. Not to be used in areas of constant high ambient humidity or standing surface water such as toilets and wash places.

Packaging

- HARD FLOOR (M) is supplied in 25 Kg bag.

Storage

- HARD FLOOR (M) has a shelf life of 24 months if kept in a cool and dry place in unopened bags under room temperature (i.e. 27°C).

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