



HARDFLOOR (N)

Non-metallic floor hardener

Description

HARD FLOOR (N) is ready made blend of non-metallic, inert high quality aggregates and cement which is applied as dry shake to the concrete surface. It provides protection to floors against wear, impact and abrasion.

Advantages

- Non-metallic does not rust or stain
- Higher resistance to abrasion, wear and impact
- Free from dusting, easily cleaned and attractive floor
- Forms monolithic bond with base concrete
- Maintenance free and long life performance
- Available in wide ranges of colors

Uses

- Garages
- Aircraft hangers
- Helipad
- Car washing
- Loading areas
- Parking area
- Mechanical workshops
- Warehouse
- Assembly house for automobile industry

Standard Compliance

- IS 2571:1970

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)	<0.4

Method of Application

- Application is by traditional dry-shake method, onto concrete, at approximately initial set during plastic phase.
- Concrete should be levelled off with a straight edge and then vibrated. The surface is then floated with a wooden float ensuring that it is not closed. Any bleed water should be removed.
- Apply the recommended amount of powder on the concrete surface and allow the powder to absorb moisture from the concrete until the dark colour appears.
- When surface is sufficiently firm enough to take the weight of a man leaving only minor indentations, HARDFLOOR (N) should be finished off by means of a power trowel.

Benefits

- **Abrasion resistance:** It has high resistance against wear and tear of floor and is more durable in low maintenance cost.
- **Handling:** HARDFLOOR (N) is very easy in handling and application.

Coverage

- Typical application can be from 3 Kg/m² to 7 Kg/m² however, 5Kg/m² coverage is recommended

Curing

- Curing should be carried out immediately after the final trowelling operation has been completed.

Packaging

- HARDFLOOR (N) is supplied in 25 Kg bags.

Storage

- HARDFLOOR (N) 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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