

ARDA FH-001

(Non-Metallic Floor Hardener)

Description

It is a non-metallic floor hardener, which contains specially graded non-metallic hard wearing natural aggregates. It is applied as a dry shake over freshly floated concrete to provide a durable, non-slip monolithic floor. It has been reduce use of natural sand & Water which help to protect environment.

Technical Information

Form	Powder
Colour	Grey
Dry Density	1.31
Compressive Strength	620 Kg/cm ² @28 days
Abrasion resistance	200-300% than ordinary cement
Hardness	7 mohs

Areas of Application-

- Heavy industry
- ✓ Power stations
- ✓ Agricultural buildings & yards
- ✓ Desalination plants
- ✓ Distillation plants
- ✓ Laboratories
- ✓ Abattoirs
- ✓ Warehouse floors, loading bays and workshops
- ✓ Steel industries
- ✓ Railway platforms

Advantages

Provides a monolithic hardening surface within the concrete matrix provides a wear resistant surface

Provides high impact resistance Easy to use and economical

Non-slip characteristics

Resists oil and grease penetration, and reduces dusting



Method of Application

1. SURFACE PREPRATION

The base concrete should be of proper mix design without any floating of fine cement paste, no segregation & bleeding.

**2. APPLICATION-
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The first application is made by using 1/2 to 2/3 of the material required for eventual and use. This is evenly broad caste on to the concrete surface. When the material becomes uniformly dark by the absorption of moisture from the concrete this application can be floated. Wooden floats or on large areas, the power trowel with disc may be used. However that the surface is not overworked. Immediately after floating the remaining materials is thrown evenly over the surface. Again moisture is absorbed and the surface can be floated in the same way as before. Final finishing of the floor using the power trowel with blades can be carried out when the floor has stiffened so that damage will not be caused. Proper curing practices should be adopted after application.

3. COVERAGE

Application rate kg/sq.m	Intended traffic use
7.0	Heavy
5.0	Medium
3.0	Low

4.Shelf Life & Storage-

Shelf life is 1 year from the date of manufacturing in unopened bags.
Store in dry moisture free area.

5.Caution-

- ✚ Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- ✚ Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.

Available Packing-

25 Kg

