



CEM-TOP Metallic Floor Hardener

METALLIC BASED FLOOR HARDENER

Description

CEM-TOP Metallic Floor Hardener is a single component premixed dry shake floor hardener. It is used to produce abrasion resistant monolithic floor topping. It is comprised of cement and metallic aggregates of mineral origin. It is evenly sprinkled on fresh concrete and floated to a smooth finish. It provides increased wear and tear resistance to the treated surface.

Areas of Application

- Factory and warehouses.
- Commercial and Industrial facilities.
- Car parks and Garages.
- Roads and Drive ways.
- Service station and Engg. workshops.

Features & Benefits

- Increased wear, abrasion and impact resistance.
- Resistance to mild chemicals provided it is properly cured and sealed.
- Good resistance to penetration of oil, grease and other contaminants.
- Economical and easy to lay over fresh concrete.
- Non-toxic and safe to use.

Method of Application

1 Surface Preparation

- Once the concrete has been laid into the panels, level the surface with a surface vibrator.

2 Application

- Once the concrete floor has been screeded, tamped and floated and after bleeding has stopped and excess water has disappeared apply the first application of CEM-TOP Metallic Floor Hardener with two-thirds of the required amount.
- Float the first application of CEM-TOP Metallic Floor Hardener after the moisture has completely saturated.
- Apply the second application of CEM-TOP Metallic Floor Hardener immediately after the first application has been floated and the water sheen has disappeared.
- Float the second application of CEM-TOP Metallic Floor Hardener after the moisture has completely saturated.
- As soon as the concrete has sufficiently set use a steel trowel to obtain a smooth surface.
- Never add water to the surface when the product has been applied.

Precautions & Limitations

- Variation in concrete characteristics such as water content, quality of cement may lead to slight color variation.

Technical Information

S.No.	Properties	Results
1	Appearance	Natural Grey



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Technical Information

S.No.	Test	Results	Test Method
1	Compressive Strength (Mpa)		
a	At 28 Days	68.00	ASTM C/109-13
3	Abrasion resistance (%)	1.95	IS:9284-1979/RA 2016
4	Abrasion resistance (mm)	1.68	ASTM C-779
5	Mohr's Hardness	7	IS:13630-2006 (Guidelines)

Coverage :

3.00 Kg/m² to 7.00 Kg/m²

S.No.	Dosage	Consumption
1	Light	3.0 - 3.5 Kg/m ²
2	Medium	4.0 – 5.0 Kg/m ²
3	Heavy	7.0 Kg/m ²

Packaging : 27 Kgs

Shelf Life : 6 months from the date of manufacturing.

Storage :

Store in a sealed packaging in cool dry condition with temperatures ranging from 5°C to 30°C. The bags must be kept lightly closed.

Health & Safety Precautions

- CEM-TOP Metallic Floor Hardener contains cement and other additives, avoid inhaling the dust particles by wearing a mask.
- Any eye contamination should be washed immediately with plenty of clean water and medical advice sought.
- During the application naked flame, welding operation and smoking is not allowed.
- Use Rubber Gloves, safety goggles and face mask.

Other Product available

Tile Fix Mortar | Tile Grouts | Block Joining Mortar | Readymix Plaster | Ruff Tuff Textures | Industrial Grade Hardener | Decorative Color Hardener | Concrete Admixtures | Paints & Allied Products.



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Disclaimer: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained.