



CEM-TOP Colour Hardener

NON-METALLIC COLOURED FLOOR HARDENER

Description

CEM-TOP Colour Hardener is a cementitious premixed dry shake floor hardener. It is used to produce abrasion resistant monolithic floor topping. It is comprised of specially graded sand and cement. 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

- Lobbies
- Restaurants
- Showrooms
- Play areas
- Walkways
- Footpaths
- Deck areas

Features & Benefits

- Increased wear, abrasion and impact resistance.
- Resistance to mild chemicals provided it is properly cured and sealed.
- Minimises surface dusting.
- 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 Colour Hardener with two-thirds of the required amount.
- Float the first application of CEM-TOP Colour Hardener after the moisture has completely saturated.
- Apply the second application of CEM-TOP Colour Hardener immediately after the first application has been floated and the water sheen has disappeared.
- Float the second application of CEM-TOP Colour Hardener after the moisture has completely saturated.
- As soon as the concrete has sufficiently set use a steel trowel to obtain a smooth surface.

Precautions & Limitations

- CEM-TOP Colour Hardener should not be used on surfaces which are subjected to steel wheeled vehicles because it is not designed to resist severe impact.



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Technical Information

S.No.	Properties	Results
1	Appearance	Variety of Colours.

S.No.	Test	Results	Test Method
1	Bulk Density (g/cc)	1.55	IS:33-1992 (Guidelines)
2	Compressive Strength (Mpa)		
a)	At 3 days	12.60	
b)	At 7 days	18.30	ASTM C/109-13
c)	At 28 days	25.80	
3	Abrasion resistance (%)	2.03	IS:9284-1979/RA 2016
4	Abrasion resistance (mm)	1.98	ASTM C-779
5	UV Resistance (24 Hrs.)	No change in Colour	ASTM G-154 (Guidelines)

Coverage

2.00 Kg/m² to 3.00 Kg/m²

Packaging

27 Kg

Shelf Life

12 months from the date of production.

Storage

Store in a sealed packaging in cool dry condition with temperatures ranging from 5°C to 30°C.

Health & Safety Precautions

- CEM-TOP Colour 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.
- CEM-TOP Colour Hardener is inflammable.
- Use Rubber Gloves, safety goggles and face mask.

Other Products Available

Tile Fix Mortar | Tile Grouts | Block Joining Mortar | Readymix Plaster | Ruff Tuff Textures | Industrial Grade Hardener | Decorative Colour Hardener | Neutral & Colour release | Sealers | Epoxy Resins | 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