



UCOTOP-FH

CR-141

Non-Metallic Floor Surface Hardener

Product

UCOTOP-FH is a Metallic cementitious durable floor topping for concrete floors subject to extra heavy-duty traffic.

Composition

UCOTOP-FH is based on processed and graded non-oxidizing non-metallic chemically inert flooring aggregate free from oil and grease.

Description

UCOTOP-FH is supplied as ready to use factory-controlled cementitious blended with special non-metallic flooring selected for high abrasion and impact resistance.

UCOTOP-FH is high resistance to abrasive wear and its grading gives optimum strength and durability to the finished floor.

Being non-oxidizing and non-metallic chemically inert it does not stain or rust under the effect of moisture and suitable for use where floors are subject to wet processes.

UCOTOP-FH is laid as 10 mm thick topping on fresh concrete or as a topping on existing concrete floors.

Advantages

- Excellent abrasion and impact resistance
- Non-Corrosive and dust proof.
- For Extra heavy-duty traffic floor
- Ready to use pre-blended
- Resistance to penetration of oil and grease.
- Chemically inert & Non-metallic flooring.
- Available in colored form

Purpose

UCOTOP-FH meets heavy-duty industrial flooring norms Hardweaits an abrasion resistance.

Method of Use

1. Based Concrete
The Base concrete should have minimum cement content of 300 kg per m³. The base concrete shall be placed in accordance with good concrete practice.
2. Mixing of UCOTOP-FH
One 50 kg Bag of UCOTOP-FH requires approx. 8 liters of Water Mixing is done until homogeneous mortar is obtained 3 to 5 bags can be mixed at a time in concrete mixer.
3. Application of UCOTOP-FH
Any water on the surface of the concrete should be removed or allowed to dry out prior to placing the UCOTOP-FH
The UCOTOP-FH mix should be spread evenly over the base concrete to retained thickness (12 mm).

Application of UCOTOP-FH on existing Concrete floors

1. Surface preparation of bare concrete

The base concrete must be sound and thoroughly hacked to expose the coarse aggregate and obtain a satisfaction key to ensure adequate bond. Any cracks or areas affected must be cutout.

All loose concrete, mortar droppings or dirt should be removed and the prepared area protected against further contamination prior to the laying operation.

All preparatory work, particularly hacking, must be completed before laying UCOTOP-FH.

2. UCOTOP-FH mix should be spread evenly over the base concrete, consolidated and leveled by the use of a heavy straight edge, care should be taken at bay edge and corners.
3. Curing
After final troweling the surface should be cured with water for a period of minimum 7 days.
4. Joints
All expansion Joints should be filled with suitable Joint sealant.

Coverage

50 KG bag will cover 2.4m² at the thickness of 10 mm

Packing

50 KG bags

Storage

- UCOTOP-FH has a shelf life of 12 months from the date of manufacturing, if stored as per manufacturer's instructions & in manufacturer's original unopened packing.
- Keep away from direct sunlight and store in dry & shade.
- Protect from freezing and moisture.

Handling Precaution

- UCOTOP-FH is an industrial chemical, required handling precautions should be followed.
- UCOTOP-FH is non-flammable and doesn't contain any flammable ingredient.
- UCOTOP-FH is non-hazardous; however, inhalation of its dust particles should be avoided. Use of facemask is recommended.
- Prolonged contact with skin should be avoided. Use rubber gloves and boots, when working overhead, goggles should be worn.
- Contact with eye should be avoided. If in contact with eye, wash with water and take medical advice immediately.

Important Note:

All products should be used in accordance with manufacturer's instructions. Every effort is made to ensure that the information is reliable, however we do not accept any responsibility for any work carried out with our material(s) as we have no control over the method(s) used for application, site conditions, weather conditions, etc.

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