



UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

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PRODUCT SUMMARY

www.uclidtechnology.com

UCODIAMOND - TOP

IF-144

Impact and Abrasion resistance Non-Metallic Floor Hardner

Advantages

- * Increased durability
- * Good impact and abrasion resistant
- * Forms monolithic bond with base concrete
- * Easy to use, factory controlled
- * Dust free, non slip surface
- * Resistant to Oil/Grease Spillages
- * Economical and very good finish

Product

UCODIAMOND - TOP is a factory blended ready to use cementitious non-metallic floor hardner for all industrial areas subject to heaviest traffic.

Composition

UCODIAMOND - TOP is based on well-graded non-metallic hard wearing aggregates, chemicals and selected portland cements.

Purpose

UCODIAMOND - TOP is designed to increase the durability and impact resistance of industrial and commercial concrete floors.

Coverage

Heavy duty : 7 kg/m²
Medium Duty: 5 kg/m²
Light Duty : 3 kg/m²

Packing

25 kg, 50 kg. Bags

Our Sole Distributor :

Innovative MARKETING

Shop No. 1, Avni Complex,
G.I.D.C., Estate, Pardi-396 125, Dist. Valsad, Gujarat.
Phone : (0260) 373551
E-mail : inn_marketing@yahoo.co.in

Our Dealer :



Description

UCODIAMOND - TOP is a ready to use non-metallic dry shake floor hardner which provides a highly abrasion and impact resistance dust-free surface to concrete floors which withstand spillages of Oil, Grease and certain industrial chemicals.

UCODIAMOND - TOP is easy to trowel in to the surface of fresh, wet concrete which cures monolithically to provide a dense, non porous, toughen and hard wearing surface suitable for industrial use.

Properties

- A. Abrasion Resistance :
UCODIAMOND - TOP has been tested as per IS 1237-1980 and found test result shows that UCODIAMOND - TOP improves the abrasion resistance of concrete by 255%
- B. High compressive strength :
UCODIAMOND - TOP has a compressive strength of 75 N/MM² at 28 days
- C. Light Reflectance
UCODIAMOND - TOP can reduce the lighting requirement in industrial application and hence save energy costs in long term.

Where to use

UCODIAMOND - TOP is suitable for areas subject to constant impact such as quays, foundries, walkways, machine tool shops, car parks, garages, service stations, machine showrooms, shopping centres, warehouses, laboratories, abattoirs, bakeries, subways, power stations, Engineering workshops etc.

Technical Data

Form	Grey Powder
Hardness.....	7 Moh's
Water absorption.....	6.0 to 6.5%

Method of use

Base Concrete :

The base concrete should have minimum cement content of 300 kg/m³ with water cement ratio being kept to a minimum to produce zero slump. Particular care should be taken at bay edges.

Dry Shake Method :

UCODIAMOND - TOP should be applied when the base concrete is sufficiently firm to take the weight of both workman and power float and leaving foot prints about 3 mm in depth no free water should be evident. Do not delay application when this point is reached.

Broad Casting :

Broad casting UCODIAMOND - TOP in two equal stages first apply at the rate of 3.5 kg/m² by sprinkling evenly on to the concrete surface carry out the first power trowel or hand trowel and then repeat the operation but broadcast the second stage at right angles to the first.

Finally when the sheen begins to leave the surface, carry out power trowelling to close the pores and completely level the surface. Do not over trowel.

Curing :

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

Storage

UCODIAMOND - TOP has a shelf life of 12 months if kept in original, unopened packing. Protect from frost and moisture.

Handling Precautions

UCODIAMOND - TOP is mildly alkaline prolonged contact with skin should be avoided.

Important Note :-

All product should be used in accordance with manufactures instructions. Every effort is made to ensure that the information is reliable, we cannot accept responsibility for work carried out with our materials as we have no control over methods of application, site conditions etc.