



CICO FLORTOP-RTU

Ready Mix Dry Shake Abrasion Resistant Floor Hardener

CICO FLORTOP- RTU is a ready-to-use factory processed and specially graded non-oxidising, non-metallic and mineral aggregate dry shake surface hardener free from oil and grease.

USES

CICO FLORTOP- RTU when trowelled into the surface of concrete floors forms a toughened hard-wearing surface suitable for industrial use. It is recommended for factory floors, warehouse, hangers and car parks that are subjected to heavy traffic.

FEATURES

- Provides build in wear resistance and produces high abrasion resistant floor surface.
- Impact resistance twice that of plain concrete.
- Three times greater surface density than plain concrete which increases resistance to penetration by oil, grease, hydraulic fluids, ethylene, glycol and many industrial chemicals.
- May be used for open and continuously wet areas.
- Non-rusting and easy maintenance.
- Fast construction with minimum site costs for materials handling and non-bonding problems.

TECHNICAL DATA

Colour	Grey , off white, pastel green brick red , terracotta
Abrasion Resistance	300 %(minimum) as compare to reference sample
Moh Scale Hardness	8 (minimum)
Compressive Strength	60 N/mm ²

METHOD OF APPLICATION

Floor Concreting

The floor concrete should be structurally sound and placed in accordance with good concrete practices. The Water: Cement ratio should be kept to a minimum consistency with the need to produce a fully compacted concrete without excess water coming to the surface. Particular care must be taken at the corners and edges of bays, hand ramming and firm trowelling being carried out to ensure that the level can be maintained throughout the subsequent trowelling operations. The floor concrete can also be vacuum dewatered.

Mixing & Application

CICO FLORTOP- RTU should be broadcast in two equal stages evenly over the surface of freshly laid concrete as soon as the surface water has evaporated. Immediately after each stage of broadcasting of **CICO FLORTOP- RTU** the first trowelling should be carried out, either by hand or by means of a power float. When the surface has sufficiently stiffened a second trowelling



should be given to close any pores and remove any undulation in the surface. This shall be followed by a final hand trowelling to remove any disc marks. The floor must be thoroughly cured.

PACKAGING

25 Kg bucket.

SHELF LIFE

12 months.

COVERAGE

For VDF flooring application rate is 5kg/m².

For manual application, coverage varies from 3-9 Kg/m² depending on the type of floor as follows:

TYPE OF FLOOR	CONSUMPTION (kg/m ²)
Light Duty	3.0 – 3.5
Moderate Duty	4.0 – 5.0
Heavy Duty	6.0 – 8.0

Important Note:

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CICO TECHNOLOGIES LIMITED

Corp. Office: C-44/2, 1st & 2nd Floor, Okhla Industrial Area,
Phase –II, New Delhi-110 020
Tel. No: 91-11-4050 9400, Fax: 91-11-4050 9413
E-Mail: cicotech@cicogroup.com
Web Site: www.cicogroup.com



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