

FLOORING COMPOUND

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-oxidizing, 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

Appearance	Grey Colored Powder
Abrasion Resistance	39.7 mg (< 750 mg as per ASTM D -4060 – 1000 cycles)
Resistance to wear	1.36 mm (3.5 mm maximum for general purpose and 2 mm maximum for heavy duty as per IS: 1237-2012)
Moh Scale Hardness	8 (minimum)
Compressive Strength	50 - 60 N/mm ² (When tested as per IS : 516)

FLOORING COMPOUND**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 troweling. 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.

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

PACKAGING

25 Kg HDPE Bag.

SHELF LIFE

6 months.

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Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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