



FLOOR TOP STD

NON-METALLIC, HARD WEARING, ABRASION RESISTANT
MONOLITHIC INDUSTRIAL FLOOR TOPPING SYSTEM

PRODUCT

Non-metallic, hard wearing, abrasion resistant, monolithic compound specially designed for industrial flooring system.

BENEFITS

Dense - non-porous - hard wearing - abrasion resistant - monolithic bond with base concrete – non-dusty – anti-skid surface – easy cleaning – long life - low maintenance – long track record – non-metallic and iron free – ready to use. It conforms to B 812 part-3, 1975 & SS 26:1970.

PRODUCT DESCRIPTION

FLOOR TOP STD is single part, ready to use, dry shake cement based system blended with special aggregates and additives. FLOOR TOP STD is used to obtain a dense, tough, abrasion resistant, non-dusty and anti skid industrial floor.

PROPERTIES

1. FLOOR TOP STD cubes when tested for compressive strength, have given-typical strength of above 600kg/cm² at 28 days.
2. Mho's scale hardness of FLOOR TOP STD aggregates = 7 to 8 scale.
3. Appearance = Grey colour powder.

AREA OF USAGE

Factories – warehouses - Parking area – Workshops – Garages – Subways - Loading bays etc.

DOSAGE / COVERAGE

3 kgs per m² for light to medium duty floors.

5 kgs per m² for medium to heavy duty floors.

7 kgs per m² for extra heavy duty floors.

GUIDELINES FOR MAKING BASE CONCRETE

The base concrete should have minimum cement content of 300kg/m³ with low water/cement ratio but self compacting workability. Self compacting workability with less water/cement ratio can be achieved by admixing water reducer plasticizer ADMIX NORMAL at 200 ml per 50kg cement.

The base concrete should be placed either in bays or strips. Corners/edges should have proper compaction & level should be maintained for subsequent trowel operations.

APPLICATION PROCEDURE

The time selected for application of FLOOR TOP STD on the green concrete, is very important. There should be neither excess water nor less water on the concrete surface during application. Therefore the application should be started between 1 to 2 hours i.e. when the surface water on concrete has completely evaporated.

The application is made in two stages. First 50% of the required material is evenly sprinkled manually and as soon as the surface darkens with the absorption of water, surface to be floated. The second application to continue, by sprinkling remaining 50% material, and floating to be carried out, similar to the first stage. Power floating would be ideal. Finally, disk marks, if any, can be removed by hand trowel.

CURING

After final trowel, as soon as the surface had hardened sufficiently to prevent damages, it should be cured with water pond continuously for 7 days.



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