



CLASSIC FLOOR TOP HT

Hardwearing Abrasion Resistant Monolithic Industrial Flooring Compound

Product:

A factory blended ready to use cementitious system with special fillers. Meets Heavy duty Industrial flooring norms. Hardwearing and Abrasion resistant.

Description:

Classic Floor Top HT is supplied as a ready to use factory controlled cementitious system blended with special aggregates selected for high abrasion and wear resistance. **Classic Floor Top HT** is used to obtain a dense, tough abrasion resistant industrial floor with non-dusty and nonslip characteristics.

Advantages:

- Ready to use, factory controlled, Eliminates on site mixing.
- Dense, non-porous surface.
- Hard wearing, abrasion resistant surface.
- Resistant to penetration of oil, waters, Etc.
- Monolithic bond with the base concrete.
- Non-Dusty and non-slip Surface.
- Facilitates easy cleaning.
- Long life and low maintenance.
- Long Track record.
- Non-Metallic and iron free- Do not rust.

Packing & Coverage:

Available in 25 Kg. 5 Kg of **Classic Floor Top HT** is used for per Sq.mt.

Properties:

Abrasion Resistance:

Classic Floor Top HT has been tested with FUNDITOR ABRASER MACHINE using silicon carbide wheels. The sample was tested for 10,000 revs at a fixed speed and the amount of wear assessed by measuring the depth of the groove by abrasion wheels at four points around the perimeter. The results show that **Classic Floor HT** improves the abrasion resistance compared to grano by over 200%.

Compressive Strength:

The **Classic Floor Top HT** cubes when tested for compressive strength have typical strength of over 800 Kg/Cm² at 28 days.

Instruction for Applying Classic Floor Top HT:

Base Concrete:

The base concrete should have a minimum cement content of 300 Kg/cm² with a slump of 40 – 60 mm with a low water cement ratio. To improve the quality of concrete mixes and to enable low w/c ratio, **Classic Superflo N** – Normal plasticiser may be used at a dosage rate of 150-200 ml/50Kg cement.

Method of Laying Base Concrete:

The base concrete must be laid in accordance with good concrete practise wither in bays on long strips. Particular care must be taken at the corners and edges of the bays to obtain good compaction and to subsequent water content in concrete must be reduced to obviate the presence of free water.

Application of Classic Floor HT:

The time of application is very important in order to derive full benefits **Classic Floor HT**. If it is applied too early, it will absorb water and sink in bottom. If application of this product is delayed, no moisture from the concrete surface will be available to hydrate **Classic Floor Top HT**, resulting in poor pitted surface. As a guide, the application should be made between 1 hour – 3 hours, i.e, when the surface water on concrete has completely evaporated. (When tested with thumb, it leaves an impression but concrete does not stick to the thumb).

The Application is made in two stages:

First 50% of the required material is broadcast evenly manually and when the surface darkens with the absorption of water, the surface is floated. The second application is made immediately after, by evenly broadcasting the balance 50% material and when the surface has darkened with the absorption of water, the surface is floated. Power floating would be ideal. Two floating are recommended with half of full disc. The second trowelling is done after the surface has sufficiently,

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i.e., after two hours after the first trowelling to close any pores and remove any disk marks.

Curing:

After final trowelling, as soon as the surface has hardened sufficiently to prevent damage, it should be covered with a polythene sheet and made air tight by placing sand all around the sheet for a minimum period of 7 days. Alternatively, curing by ponding is recommended for a minimum of 7 days.

Joints:

All expansion joints must be filled with an appropriate sealant. The saw cut construction joints may be filled with **Classic Epoxyseal** flexible epoxy resin. A separate data sheet is available on **Classic Epoxyseal**.

Storage:

6-month period in dry, shaded condition in original sealed packs.

Variety of Products:

Following are the other similar products from Primadonn Buildtech Pvt. Ltd.

- Classic Anchor Grout
- Classic Floor Top-HD
- Classic Floor Top-HTL
- Classic Grout Admix
- Classic Groutmate-400
- Classic Groutmate-600
- Classic Strong Grout-231

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