



# CLASSIC FLOOR TOP HD

Hardwearing, Abrasion Resistant Industrial  
Heavy Duty Flooring Systems

## Product:

**Classic Floor Top HD** is a non-metallic factory Blended ready to use material containing special hardwearing abrasion resistant aggregates for monolithic bond with the base concrete. For use on heavy duty industrial floor where floors are subject to heavy wear and abrasion.

## Usage:

Ready to use material. Needs only addition of precise quantity of water. Laid as 12 mm thick topping.

## Advantages:

- Factory Blended ready to use material.
- Monolithic bond to the base concrete.
- Hardwearing, Abrasion resistant properties.
- Non Metallic Aggregates – Do not rust.
- Non Dusty, Non Slip Floor
- Resistance to penetration of oils, grease
- For heavy duty floor applications.

## Packing:

Available in 25Kg Pack

## Coverage:

**Classic Floor Top HD** heavy duty is a ready to use factory blended cementitious integral floor hardener containing non-metallic, non-oxidising chemically inert aggregates having high degree of wear and abrasion resistance. **Classic Floor Top HD** is laid as 12 mm thick topping on fresh concrete (monolithic Construction) or as a topping on existing concrete floors (Separate Construction).

## Monolithic Construction:

**Base Concrete:** The base concrete shall have a minimum cement content of 320 Kg/m<sup>3</sup> with a slump of 40 – 60 mm using a low w/c ratio. The use of normal plasticizer **Classic Superflo N** at a dosage

rate of 150 ml/ 50Kg cement is recommended. A separate data sheet is available on **Classic Superflo N**.

**Laying of Base Concrete:** The base concrete must be laid in accordance with good concrete flooring practice taking care to see that the concrete is well compacted especially the bay edges. Care must be taken not to over vibrate the concrete. The bay edges are trowelled back at an angle of 45°C to atleast 20mm to allow for extra **Classic Floor Top HD** material to be compacted making the joints stronger since joints are points of inherent weakness.

## Laying of Classic Floor Top HD on Existing Concrete Floors (Separate Construction):

**Preparation of base concrete:** The existing base concrete must be free from loose particles, laitance and oil contamination. The concrete is hacked to a depth of at least 50-75mm and thoroughly washed with water to remove all debris, dust, etc..

Use of an epoxy bonding agent **Classic Epoxybond** is recommended as a single coat application. The fresh concrete must be a good quality and laying of concrete shall be as per 1.1 and 1.2 of this data sheet. All expansion joints must be filled with a suitable joint sealant. Alternatively a flexible epoxy resin based material **Classic Epoxyseal** may be used in the saw cut joints and cracks.

**Mixing:** Mixing of **Classic Floor Top HD** topping empty the material bag into a free fall concrete mixer. Add 3.25 litres of water per 25 Kg **Classic Floor Top HD** bag (w/p: 0.13) and mix for 3 minutes until homogeneity is established. 3-5 bags can be mixed at a time.

**Laying Classic Floor Top HD Topping:** Allow the water to evaporate on the freshly laid compacted concrete. Depending on ambient Temperature conditions, this could be between 1-3 hours. **Classic Floor Top HD** should be spread evenly on the concrete to the required thickness (12mm) after the surface water has evaporated. The spread is consolidated and levelled by the use of a straight edge. Care should be taken to well compact the **Classic Floor Top HD** especially at corners and bay edges. The use of hand rammer at these points is recommended. Final hand trowelling is recommended to remove any disc mark of the power float.

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## Expansion Joints:

All expansion joints must be filled with a suitable joint sealant. Alternatively a flexible epoxy resin based material **Classic Epoxyseal** may be used in the saw cut joints and cracks.

## Additional Information:

For use on medium duty industrial floor, **Classic Floor Top HD** is recommended which is applied at the rate of 5.4 Kg/m<sup>2</sup> as a powder shake on system on freshly laid concrete floors. **Classic Floor Top HD** Heavy duty and **Classic Floor Top HT** have been extensively used by countless industries.

## Variety of Products:

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

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

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