

FloArm Hard EM

(Formerly known as MYK Top 200)

Abrasion resistant Concrete Floor Topping



TECHNICAL DATA SHEET

Product Description

FloArm Hard EM is a cementitious abrasion resistance floor topping for industrial floors. The selected aggregates in the formulation increases the abrasion resistance of the floor and guarantees long lasting performance against industrial use. This is ready to use at site as dry spread on the freshly cast green concrete to get heavy duty monolithic floor.

- Provides a hard-wearing surface Forms monolithic bond with base concrete
- Improves the surface life of Industrial floor
- Easy, simple and economical in application
- Being non-metallic, is safe against corrosion.

Uses

Industrial floors subject to Repair workshops heavy traffic
Machine shops

- Loading areas/unloading areas
- Warehouse Floors
- Ramps and Trucking lanes
- Car parks and garage floors

Features and Benefits

- Improves the surface life of Industrial floor
- Easy, simple and economical in application
- Being non-metallic, is safe against corrosion
- Heavy duty monolithic floor
- Provides a hard-wearing surface Forms monolithic bond with base concrete

Application Methodology

After base concrete is placed, level the surface with float. Remove excess bleed water by dragging gunny bag on the surface or rubber hose.

- When concrete surface has stiffened to the point of sustaining floating operation, or when foot prints make an impression up to 2-3 mm depth. FloArm Hard EM should be applied in two shakes, using approximately two thirds of the total quantity for the first broadcast.
- The dry powder is evenly broadcasted over the surface at the rate of 1.5 kg/m².
- This top layer should then be power floated or wooden floats are to be used to press the powder into the substrate surface.

Once the floating is completed all over the surface uniformly, the second shake at the rate of approx. 1.5kg/m² should be broadcasted evenly over the surface immediately, provided water is seen on the surface of the concrete.

- For final surface finish, a flat steel trowelling, or power trowelling can be done.

Technical Data

Colour	Grey
Compressive Strength	Approx. 50 N/mm ² at 28 days
Abrasion Resistance: when Tested in accordance with IS: 1237-1980	150 % over control,
Coverage	Light traffic 2.5 to 3.5
Medium traffic	4 to 5 kg/m ²
Heavy traffic	6 to 7 kg/m ²

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Packaging

25 kgs pack of Woven sack bag

Precaution and limitations

- For best results use water to cement ratio as less as possible.
- The concrete mix should be good with a slump ranging between 80 to 100 mm.
- Do not add additional water or dry cement to the surface during finish.
- Use of water reducing admixture is recommended to be added to concrete cast for the floor
- For concretes with optimized w/c ratios, rate of broadcast will be maximum 3 kg/m² in 2 stages.

Storage and Shelf Life

6 months in the original unopened/undamaged packing when stored under dry and cool shaded area at above +10° C.

Health & Safety

FloArm Hard EM should be applied with gloves and care should be taken to see that it does not fall on skin or eyes. Splashes on to eyes have to be immediately washed with plenty of clean water and medical advice has to be taken



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Product Categories Available



Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

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