

## **FAIRTOP**<sup>™</sup> **STD**

### **HARDWEARING, ABRASION RESISTANT MONOLITHIC INDUSTRIAL FLOORING COMPOUND**

#### **BENEFITS**

- Ready to use, factory controlled
- Eliminates on-site mixing
- Provides dense, non-porous surface on application
- Hard wearing, abrasion resistant
- Monolithic bond with the base concrete
- Non dusty and non slip surface
- Facilitates easy cleaning
- Long life and low maintenance
- Available in various colors
- Non-metallic and iron free - does not rust.

#### **PRODUCT**

**FAIRTOP STD** is a cementitious industrial flooring compound which creates a monolithic bond with substrates.

#### **USES**

- **FAIRTOP STD** can be used in Loading bays, Factories, Warehouse, Car Parking areas, Truck Lanes, Workshops, Garages, Subways, Power Stations & Abattoirs.
- Recommended for refurbishment over terrazzo, Quarry or ceramic tiles.
- Also, recommended for workshops, show room, food & beverage processing areas to withstand moderate to heavy traffic.

#### **DESCRIPTION**

**FAIRTOP STD** is supplied as a monolithic industrial flooring compound ready to use factory controlled, dry shake cementitious system blended with special aggregates, selected for high abrasion and wear resistance and additives. **FAIRTOP STD** is used to obtain a dense, tough, abrasion resistant industrial floor with non dusty and non slip characteristics. For extremely heavy flooring 12 mm thick **FAIRTOP HD** ready to use monolithic floor hardener is recommended. (A separate data sheet is available on this product.)

#### **PROPERTIES**

**Abrasion Resistance :** **FAIRTOP STD** has been tested with Funditor abrasion 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 **FAIRTOP STD** improves the abrasion resistance compared to grano by over 150%. (as per IS 1237 : 1980)

**Compressive Strength :** The **FAIRTOP STD** cubes when tested for compressive strength have typical strength of over 600 kg/cm<sup>2</sup> at 28 days. Moh's hardness of **FAIRTOP STD** is between 7 to 8.

**Colour Range :** Presently available in Natural Grey, Brick Red and Green.

#### **APPLICATION INSTRUCTIONS**

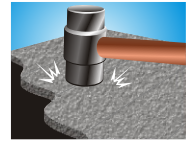
**Base Concrete :** The base concrete with a slump of 75-110 mm will give best result. Compressive strength of the concrete should minimum 20 N/mm<sup>2</sup>.

**Method of Laying Base Concrete :** The base concrete must be laid in accordance with good concrete practice either in bays or long strips. Particular care must be taken at the corners and edges of the bays to obtain good compaction and to maintain level for subsequent troweling operations. If too much of free water is seen on the surface, subsequent water content in concrete must be reduced to obviate the presence of free water.

#### **APPLICATION**

As a guide, the application should be made between 1 hour-2 hours, i.e. when the surface water on concrete is 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: Divide the floor in equal no. of bays. As soon as the concrete becomes tacky, make 150 to 200 mm strip on edges. Spray the material on these strips with dry shake. Apply the power Floater for a compaction and to get moisture on top. 2<sup>nd</sup> application will be in perpendicular to first application. In one of the bays, when edges are covered with dry shake, start spraying / spreading material in mid strips. After 12 hrs. of application, this requires pond curing for a high strength, abrasion resistance floor.

# FAIRTOP STD™



## PACKING & COVERAGE

**FAIRTOP STD** is supplied in 25 Kg lined HDPE Bags and has a coverage of 5 kg/m<sup>2</sup>.

For light duty sprinkle 3 kg/m<sup>2</sup> and for heavy duty sprinkle 7 kg/m<sup>2</sup>.

## SURFACE SEALING

If surface sealing is thought to be necessary, two coats of **FLOORSEAL C** epoxy clear floor sealer may be applied for added protection against penetration of oils, grease, water and mild chemicals or two coats of **SAFECORE EP** epoxy floor coating can be applied to provide further protection to concrete and steel surface apart from aesthetic appearance. (A separate data sheet is available on the above products.)

## SHELF LIFE & STORAGE

**FAIRTOP STD** will have a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

## SPECIFICATION

**FAIRTOP STD** is a monolithic industrial flooring compound ready to use cementitious system with special fillers applied strictly in accordance with the instruction of FAIRMATE.

## QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO (EMS) 14001 & OHSAS 18001 (Occupational Health and Safety) certified by ISOQAR / UK.

## TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our laboratory in Baroda and technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

## OUR RANGE OF PRODUCTS

<b>CONCRETE ADMIXTURES</b> <b>WATERPROOFING SYSTEMS</b> <b>ENGINEERING GROUTS</b> <b>INDUSTRIAL FLOOR SURFACES</b>	<b>CONCRETE REPAIRS</b> <b>SURFACE TREATMENT</b> <b>PREPACKED CONCRETE MORTAR</b> <b>PROTECTIVE COATING</b>	<b>HIGHWAY REPAIR</b> <b>LIQUID FLOOR</b> <b>WALL FINISHING SYSTEM</b>
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**Corporate Office**  
8/1, "SAI SUDHA",  
Arunoday Society, Alkapuri  
Vadodara 390 007. Gujarat, India



0091 265 2331193, 2331399  
0091 265 2330803



0091 265 2338733 (Fax)



sales@fairmate.com



www.fairmate.com  
www.fairmateshoppee.com



INDIA DUBAI NEPAL GHANA LEBANON SAUDI ARABIA KENYA NIGERIA USA VENEZUELA MALAYSIA

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