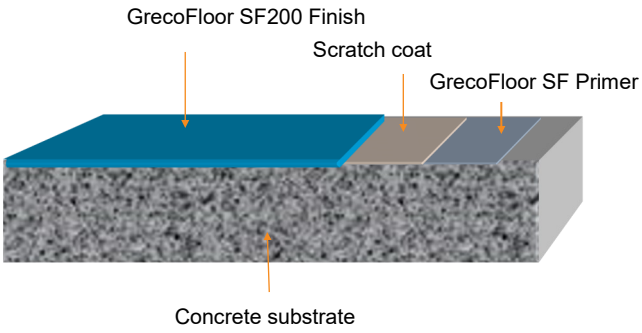
greco®
Industrial flooring & construction products

GrecoFloor® SF200 Finish

Solvent-free self-smoothing epoxy resin floor system



Description

GrecoFloor SF200 Finish is a three component, self-smoothing floor coating based on solvent-free epoxy resin system and graded fillers. Its designed for application from 1.0mm to 3.0mm thick.
GrecoFloor SF200 Finish is available in matt and glossy finish.

Uses

GrecoFloor SF200 Finish is formulated as seamless coating for concrete surface. The cured coating gives a smooth, easily cleaned and hygienic surface with excellent resistance to mechanical wear and chemical attack.
It is recommended for light to medium duty floor areas such as automotive, aircraft and engineering facilities, laboratory, food processing and packing, workshop, etc.

Advantages

- Excellent abrasion resistance
- Excellent resistance to a range of chemicals
- Low maintenance surface.
- Choice of colours to suit owners and specifiers.

Typical Properties

Mixing ratio	:	For 24kgs pack
Base : Hardener : Filler	:	10 : 4.4 : 9.6
Specific gravity (mixed)	:	1.60kg/lt
Pot life (at 30°C)	:	45 min

Typical Performance Data

After 7 days cure @ 30 °C

Compressive strength (ASTM C349)	:	> 60 N/mm^2
Flexural strength (ASTM C348)	:	> 25 N/mm^2
Adhesion strength (pull out) (ASTM D4541)	:	> 1.0 N/mm^2 Concrete Failure
Service temperature	:	-20°C to 60°C

Packaging

GrecoFlor SF230 Finish is available in 24kg pack. Other pack size are available on request.

Application

Surface Preparation

The compressive strength of the substrate must be at least 25 N/mm^2 and substrate directly in contact with ground must have proper vapour barrier installed.
Cement laitance, loose particles, and other contaminants which may impair bond must be removed from the surface using effective means. Cracks, honeycombs and surface irregularities shall be repaired with appropriate repair methods and products.

Mixing

Mechanical mixing using a low speed drill (600 rpm) fitted with a wing profile mixing paddle is recommended. Hand mixing should be avoided.

Method of Application

Apply **GrecoFloor SF Primer** by roller onto prepared substrate and allow to cure till tack free.
For old floor with coating, apply one coat of scratch coat consists of **GrecoFloor SF Primer** and silica sand with steel trowel and allow to cure overnight.
Apply one layer of **GrecoFloor SF200 Finish** topcoat with trowel to the required thickness and spike to release any entrapped air.

Cleaning

Use solvent such as thinner to clean tools and equipment immediately after use. Hardened material must be removed mechanically.

Shelf Life

GrecoFloor SF200 Finish has a shelf life of 12 months when stored in original packing in a cool and dry environment.

Health & Safety

Apply product in well ventilated area. Avoid skin and eye contact. Wear suitable protective clothing, masks and gloves while handling product. Keep away from heat and open flame.

Note:
Use the leaflet as a guide for the use of this product concerned. The information given is in accordance with the latest technical developments. However, we cannot accept responsibility for any work carried out with our materials as we have no control over the method of application used or the condition of the site involved.

Last updated by KH/APR 2018