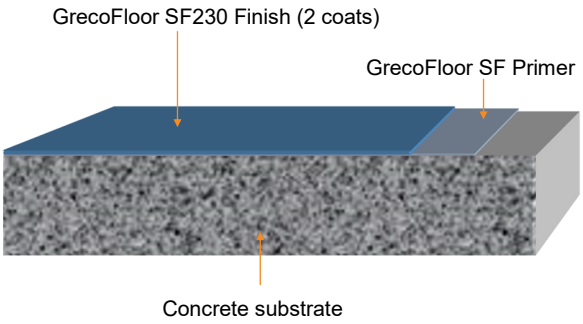
greco®
Industrial flooring & construction products

GrecoFloor® SF230 Finish

Solvent-free epoxy resin floor coating



Description

GrecoFloor SF230 Finish is a two component solvent-free epoxy resin floor coating system. Its designed for application from 0.2mm to 0.5mm thick. **GrecoFloor SF230 Finish** is available in smooth and anti-slip finish.

Uses

GrecoFloor SF230 Finish is formulated as seamless coating for concrete surface. The cured coating gives an 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 engineering facilities, corridors and stairway, general production and packing areas, laboratory, showroom, multi level car parks, 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 Base : Hardener	:	4 : 1 (w/w)
Specific gravity (mixed)	:	1.35
Pot life (at 30^0C)	:	30 min
Resistance to chemical spillage	:	After 7 days
Compressive strength	:	> 50 N/mm^2
Flexural strength	:	> 25 N/mm^2
Adhesion to concrete	:	> 1.0 N/mm^2 Concrete Failure

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 two coats of **GrecoFloor SF230 Finish** topcoat with rollers.

Non Slip Finish

GrecoFloor SF230 Finish slip resistant coating system is also available.

Coverage

Typical coverage is 5m^2/kg per coat. Coverage will vary with surface profile of substrate.

Cleaning

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

Packaging

GrecoFlor SF230 Finish is available in 20 kg pack. Other pack size are available on request.

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.

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