greco®
Industrial flooring & construction products

GrecoFloor® SF200 AS Finish

Anti-static self-smoothing epoxy resin floor system

Description

GrecoFloor SF200 AS Finish is a solvent-free, self-smoothing epoxy resin based conductive flooring system. Its designed for application from 1.0mm to 2.0mm thick.

Uses

GrecoFloor SF200 AS 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 to prevent the static charge built-up such as electronics plant, electronic "devise" handling areas, automotive, aircraft and engineering facilities, assembly plant, laboratory, etc.

Advantages

- Eliminates electrostatic discharge from personnel vehicles and equipment.
- Excellent abrasion resistance
- Excellent resistance to a range of chemicals
- Low maintenance surface.
- Choice of colours to suit owners and specifiers.

Typical Performance Data

After 7 days cure @ 30 °C

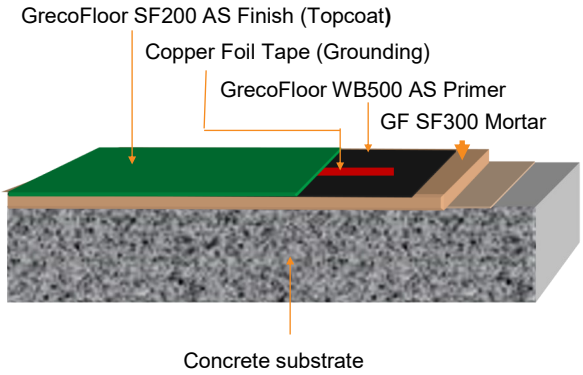
Typical surface resistance to BS 2050	:	Conductive with 10^4 to 10^6 ohm
Compressive strength (JIS K7208)	:	> 60 N/mm^2
Bond strength (JIS K5600)	:	> 2 N/mm^2
Pot life (at 30^{0}C)	:	25 min
Service temperature	:	-20°C to 60°C
Drying time	:	8 - 12 hours
Coverage	:	1 - 1.3kg/m2/mm

Cleaning

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

Shelf Life

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



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.
GrecoFloor SF300 Mortar, epoxy screed system is recommended when apply **GrecoFloor SF200 AS Finish** on ground floor.
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 only one (1) layer of **GrecoFloor SF200 AS Finish** top coat onto substrate primed with conductive primer, **GrecoFloor WB500 AS Primer.**
The material is distributed with trowel or rubber squeeze to the required thickness and immediately finish with spike roller to release any entrap air.

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/Jul 2023