greco®
Industrial flooring & construction products

GrecoFloor® P100 Finish

Phenolic Epoxy Resin Coating For Walls And Floors

Description

GrecoFloor P100 Finish is a two component solvent based high build phenolic epoxy resin system for concrete and steel substrates with immersion as well as non-immersion services.

It is available in a limited colours only.

Uses

GrecoFloor P100 Finish is formulated as a durable coating system for a variety of substrates such as concrete, steel, timber, etc. It is recommended for corrosion protection lining storage tank and concrete floor for wide range of acids, chemicals, solvent, crude oil, aggressive palm oil and vegetable oil derivatives, etc.

Advantages

- Excellent corrosion resistance.
- Excellent adhesion on prepared substrate.
- Resistance to a range of acids & chemicals
- Low maintenance surface.

Typical Properties

Type	:	Phenolic epoxy resin finish coat
Texture	:	Low gloss
Specific gravity (mixed)	:	1.40
Mixing ratio Base : Hardener	:	6 : 1 (by volume)
Pot life (at 30^0C)	:	4 hrs
Drying time (at 30^0C)	:	Tack free : 1 hr Hard dry : 4 hrs
Coating interval	:	8 hrs (minimum)

Application

Surface Preparation

Substrate must be structurally sound, dry and clean. Cement laitence, mould release agent, curing compound, oil, grease or any loose particle which may impair bond must be removed 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 P100 Finish** to well prepared concrete surface by brush, roller or airless spray. Minimum two coats is recommended. The first coat may be thinned up to 10% with Greco Epoxy Thinner or approved thinner. The second top coat may be thinned up to 5% for an uniform appearance.

Non Slip Finish

Where required, broadcast sand filler in excess while first coat is still wet. Allow the coat to set overnight. Remove unbound sand filler using a broom and follow by an industrial vacuum cleaner. Then apply second coat. A trial application on test panels is recommended to select the optimum size and quantity of sand filler for the preferred degree of slip resistance.

Coverage

Typical coverage is $6m^2$/L per coat. Coverage will vary with surface profile of substrate.

Cleaning

Use solvent such as acetone to clean tools and equipment immediately after use.

Packaging

GrecoFloor P100 Finish is available in 5 L and 20L sets.

Shelf Life

GrecoFloor P100 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