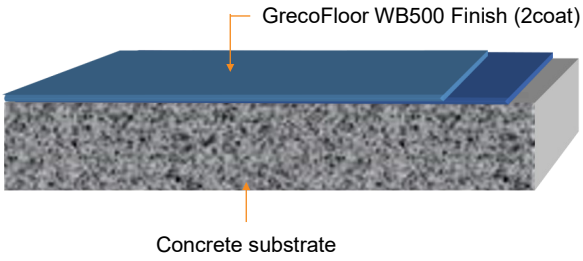
greco®
Industrial flooring & construction products

GrecoFloor® WB500 Finish

Water base epoxy resin coating for walls and floors



Description

GrecoFloor WB500 Finish is a two component water base epoxy resin system for concrete, masonry and steel substrates.

It is available in a wide range of colours.

Uses

GrecoFloor WB500 Finish is formulated as a durable protective coating system for floors and walls. It is recommended for use in pharmaceuticals and cosmetic plants, electronic and electrical industries, production and assembly areas, light industrial workshops, road tunnel wall coating to improve the light conditions, protective coating for tunnel segment , etc.

Advantages

- Non toxic and no offensive odour.
- Cost effective, economical to use.
- Excellent adhesion on prepared substrate.
- Water vapour permeable
- Chemical resistance
- Non inflammable and environment friendly

Typical Properties

Mixing ratio Base : Hardener	:	85 : 15
Colour	:	Refer to colour cards
Specific gravity (mixed)	:	1.15~1.25
Pot life (at 30°C)	:	25 min.
Drying time (at 30°C)	:	Tack free : 1 hr Hard dry : 10 hrs
Coating interval	:	8 hrs (minimum)
Finish	:	Matt

Note: The mixed material must be applied with its pot life

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 (300 rpm) fitted with a wing profile mixing paddle is recommended. Hand mixing should be avoided

Method of Application

GrecoFloor WB500 Finish can be applied by airless spray, brush or roller onto prepared substrate. Apply **GrecoFloor WB500 Finish** diluted with 10% of clean water as primer coat. The second coat may be thinned up to 5% for an uniform appearance.
Depending on the substrate finish, the third coat may be required.

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/kg per coat on primed substrate. Coverage will vary with surface profile of substrate.

Cleaning

Use water to clean tools and equipment immediately after use. Hardened material must be removed mechanically.

Packaging

GrecoFloor WB500 Finish is available in 6 kg set (Base: 3 kg Hardener: 3kg)

Shelf Life

GrecoFloor WB500 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/Mar2018