

PRO COAT 95



Vapor Permeable, Water-based Epoxy Floor and Wall Coating.

Description

Pro Coat 95 is a water-based, low VOC, two component epoxy coating. It is used as firm, non-porous, seamless floor that is permeable to water vapor.

- Good adhesion and toughness.
- Can be applied on green or damp concrete.
- Smooth, low-gloss finish for hygienic applications.
- Low odor during application.
- Non-slip floor.
- Cures at low ambient temperature (5°C).
- Good general chemical resistance.
- Colored – Improves the working environment.

Recommended Applications

- Can be used as top coat for masonry work.
- Applicable on green concrete and terrazzo flooring.
- Workshops, dairies, laboratories, exhibition halls, slaughter houses etc.
- Beverage and food production.
- Waste treatment plants.
- Hospitals and schools.

Technical Data

• Type		Epoxy	Pro Coat 95
• Colour			Refer to Colour Card
• Mixing Ratio		A:B	3.65:1
• Density (23oC/50% rel. Humidity).	(BS 6319: Part 5)	N/mm ²	1.36
• Compressive strength	(BS6319)	Kg/dm ³	50
• Flexural strength	(BS6319)	N/mm ²	5-8
• Consumption/coat		Kg/m ²	25
• Work time	25°C	min	300
• Coating thickness		mircons	
• Adhesive Bond strength	(BS6319)		
• Abrasion resistance	ASTM D4060 Taber	Abrader	(1kg load using CS17 wheels)

Application Details

Surface preparation:

Anything that can impair adhesion must be removed including any grease, oil, dust, curing compounds or any previous coating using grit ballasting, milling or grinding. Mechanical wire brush can be used for small areas. The aggregate must be exposed and any repair must be done prior to application using Vertex epoxy repair system. For better results, it is recommended to prime the surface using a suitable water-based primer such as Vertex ProPrime.

Mixing:

Pour the Part B into the Part A and mix using a slow speed mixer (300-600 RPM) until homogenous. Make sure the material at the bottom and sides of the container is well mixed.

Application:

Pro Coat 95 can be applied by brush, short hair roller or airless spray.

Brush/Roller application:

Apply the mixed material to a properly prepared substrate using a brush or short hair roller. Painter's tray is essential for extended pot life. It is recommended to apply 2nd coat perpendicular to the 1st coat.

Spray Application:

Suitable for large applications. Spray the mixed material on the prepared to give an even, pinhole free surface to achieve minimum DFT 300 microns in two coats. To achieve greater film thickness, allow proper curing before applying subsequent coats.

Curing:

The curing of reactive polymers is affected in particular by the ambient temperature and sub-surface's temperature. Low temperatures slow down the chemical reaction prolonging time for second coat and vice versa. Premature exposure to dampness can cause surface

PRO COAT 95



Packaging:

Supplied in: 20 Kg Unit
Storage: Dry; Frost free, out of direct sunlight
Shelf life: 12 months, when stores as above

Hazard class: No dangerous goods, Observe Material Safety data sheet.

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- Insulation Systems & Materials
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