



CL 9940 SELF LEVELING EPOXY

RECOMMENDED USE

CL 9940 Self Leveling Epoxy is a solvent free high performance epoxy resin self leveling floor coating. The excellent flow property of the mixed product makes the product to form a seamless, hard wearing tough attractive floor coating. Recommended to use at laboratories, manufacturing plant, hospitals, food processing area and also internal floors of office.

PHYSICAL DATA

Colour	: Various (Refer to colour card)
Volume Solid { % By Volume)	: 100%
Typical Thickness	: 2mm - 5mm
Wet Film Thickness	: 2mm - 5mm
No of Coats Recommended	: One or Two
Theoretical Coverage	: 3kg/m ² @ 2mm
Application Method	: Trowel and Squeeze
Drying Time (at 30°C)	: Hard Dry: 24 hours, Open for Traffic: 48 Hours, Full Cure: 5 days
Pot Life (Typical Values)	: 20-25 minutes at 30°C
Package	: Two component material
Mixing Ratio	: 4 Parts Base to 1 Part Hardener (by weight)
Pack Size	: 20 Kg units when mixed.
Weight	: 1.40Kg/litre
Shelf Life	: Maximum 12 month @ 28 °C

SURFACE PREPARATION

Steel Floor:

Blast clean to SSPC-SP10 or Sa 2 1/2 (ISO 8501-1: 1988). Ensure surfaces to be coated are dry and free from all visible traces of surface contaminants.

Concrete Surface:

Concrete floor should free from contaminants. New Concrete floor should be aged for 28 days before any paint application.

APPLICATION EQUIPMENT

- Squeeze : Widely use for large surface area.
- Trowel : The perfect tool to apply self leveling epoxy finish.
- Spike Roller : Is to use break the bubbles which might created during squeeze and trowel application.

Spike Shoe : Use during application. The applicator can move on top of applied wet paint to complete a task.

Cleaning Procedure:

Clean all application equipment and application tools using Reducer No:15. Frequent flushing of the spray equipments within the pot life of the material are recommended. This is to ensure that the fresh paint is not being contaminated from over pot life product from the other application tools. All waste should be dispose accordance to local authority requirement.

ADDITIONAL NOTE

Do not apply the material when the air temperature is less than 10°C. This might lead to a slower curing. Power mix Part A, than slowly add the Part B and mix. The Mixed product should not be kept in paint container for a longer period. This will shorten the port life of the mixed product. The mixed product should immediately apply on top of the flat floor surface for better workability.

Epoxy Coatings Characteristics:

Variable colour stability is a feature of epoxy material, the material tends to yellow and darken upon ageing. Epoxy materials tend to chalk upon expose to UV light. The chalking effect will cause the applied layer to have loss in gloss and changes in applied colour. To enhance the colour retention and to reduce the chalking effect an application of CL 9941 UV Clear Coating will extend the performance of the applied epoxy self leveling. The curing reaction the epoxy paint will start immediately after mixing both base and hardener, in general the pot life of the mixed product approximately halved by a 10 °C increase in ambient temperature and become double for 10 °C decrease in temperature.

HEALTH AND SAFETY

Avoid skin contact and spillage. Do not breathe or inhale the spray mist. Application needs to be carried out well ventilated area. Wear suitable PPE and safety clothing, in the event of an accidentals skin contact wash with soap and water or approved cleanser. In contact with eye flushed with plenty of warm water and medical attention sought immediately. For further information please refer to Material Safety data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond the control, it is the sole responsibility of the buyer to obtain confirmation from the manufacture on the suitability of the product for the intended use. Therefore, the manufacturer can accept no liability for the performance of the product, or any loss or damage arising out of such use. We reserve the right to change the given data without notice.