



# CL 9910 EPOXY MORTAR SCREED

## RECOMMENDED USE

**CL 9910 Epoxy Mortar Screed** is a solvent free epoxy silica filled floor moisture barrier coating. The excellent abrasion and tough property of the mixed product make the product to form a moisture barrier thus form seamless hard wearing and tough floor coating.

## PHYSICAL DATA

<b>Colour</b>	: Brownish
<b>Volume Solid (% By Volume)</b>	: 100%
<b>Typical Thickness</b>	: 3mm- 12mm
<b>Wet Film Thickness</b>	: 3mm- 12mm
<b>No of Coats Recommended</b>	: One
<b>Theoretical Coverage</b>	: 12 kg/m <sup>2</sup> @ 5mm thickness
<b>Thinner</b>	: For Cleaning only
<b>Application Method</b>	: Trowel and Squeeze
<b>Drying Time</b>	: Cure: 24 hours, Open for Traffic: 48 hours, Full Cure: 5 hours
<b>Pot Life (Typical Values)</b>	: 20 minutes at 30°C
<b>Package</b>	: Three component material
<b>Mixing Ratio</b>	: 2.8 kg (Part A): 0.7 kg (Part B): 25kg (Part C)
<b>Pack Size</b>	: 28.5 kg when mixed
<b>Shelf Life</b>	: Maximum 12 months @ 28°C

## SURFACE PREPARATION

### Concrete Surface:

Grinding or Vacuum blasting is a preferred method. Ensure surfaces to be coated are dry and free from all visible traces of surface contaminants. New Concrete floor should be aged for 28 days before any paint application.

## APPLICATION EQUIPMENT

### Airless Spray:

Trowel : Is the perfect tool.

Spike Roller : Is to use break the bubbles, which might created during, squeeze and trowel application.

Spike Shoe : Is 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 cleaning of the application equipments within the pot life of the material are recommended. This is to ensure that the fresh paint is not being contaminated from pot life finish product from application equipment. All waste should 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. Mix Part A and Part B together than slowly add the Part C in to the mixed of Part A and B and mix till homogenously. 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 and trowel to the required thickness.

<b>Compressive Strength</b>	: 80 N/mm <sup>2</sup>
<b>Flexitral Strength</b>	: 27 N/mm <sup>2</sup>
<b>Tensile Strength</b>	: 70 N/mm <sup>2</sup>
<b>Abrasion Resistance</b>	: 0.039 gm/ 1000 cycle

**Epoxy Coatings Characteristics:**

Variable colour stability is a feature of epoxy material, the materials tend 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.

**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.