



# CL 9930 EPOXY HIGH GLOSS FINISH

## RECOMMENDED USE

**CL 9930 Epoxy High Gloss Finish** is an excellent high gloss finish for interior and exterior of heavy duty and industrial market. The product also can be use as finish coat in floor coating system. The applied coating can withstand continues dry temperature up 80 °C and non-continuous up to 120 °C.

## PHYSICAL DATA

Colour	: Please refer to colour card									
Volume Solid (% By Volume)	: 50 ± 2%									
Typical Thickness	: 50 Microns									
Wet Film Thickness	: 100 Microns									
No of Coats Recommended	: One or Two									
Theoretical Coverage	: 10.00 m <sup>2</sup> /litre @50 Microns									
Thinner	: Reducer No 15 ( Maximum thinning 5%)									
Application Method	: Brush, Roller & Spray									
Drying Time	: <table><thead><tr><th>Temperature</th><th>To Touch</th><th>Hard Dry/ Overcoating</th></tr></thead><tbody><tr><td>25°C</td><td>1 Hours</td><td>6 Hours</td></tr><tr><td>35°C</td><td>45 minutes</td><td>4 Hours</td></tr></tbody></table>	Temperature	To Touch	Hard Dry/ Overcoating	25°C	1 Hours	6 Hours	35°C	45 minutes	4 Hours
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25°C	1 Hours	6 Hours								
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Flash Point	: 30°C									
Pot Life (Typical Values)	: 3 hours at 35 °C									
Package	: Two component material									
Mixing Ratio	: 3 Parts Base to 1 Part Hardener (by Volume)									
Pack Size	: 20 litres units when mixed									
Weight	: 1.40 -1.5 Kg/litre (may vary with shade)									
Shelf Life	: Maximum 12 month @ 28 °C									

## SURFACE PREPARATION

### Steel Surface

Remove all grease and oil from surface using Reducer No:15 in accordance with SSPC-SP1. Ensure surfaces to be coated are dry and free from ail visible traces of surface contaminants.

### Concrete Surface

Can be applied direct on top of concrete surface. Moisture level should be within the acceptable level.

## **APPLICATION EQUIPMENT**

### **Airless Spray:**

Nozzlesize : Max 0.28-0.38mm (11-15 thou)  
Fan angle : Max 60°  
Operating Pressure : 130 -160 Kg/cm (1800-2300 psi)

### **Conventional Spray:**

Nozzle size : 1.28 mm (55 thou)  
Atomizing pressure : 3.5 kg/cm (50 psi)  
Fluid Pressure : 1.1 kg/cm (15 psi)

### **Brush and Roller:**

The material is suitable for brush and roller application. However additional coats may be required to achieve the recommended thickness.

### **Cleaning Procedure:**

Clean all spray equipment and application tools using Reducer No:15. All waste should be dispose accordance to local authority requirement. The Information of atomizing pressure, fluid pressure and nozzle size are given as a guide only. Adjustment of spray parameters is to be set according to the size and type of job. i.e. atomizing air pressure depends on the length of the line and direction of feed.

## **ADDITIONAL NOTE**

### **Colour Stability:**

Variable colour stability is a feature of epoxy base product which tend to yellow and darken upon age.

**CL 9930** might experience chalking when expose to weathering (due to ultra-violet exposure). This effect will not deter the performance of the coating. A proper surface cleaning need to carried out to remove the loose powder prior to subsequent coat application. Insufficient curing of applied product can cause the applied coat to fail. Therefore precautions needed to avoid the applied product not being to expose to high moisture or in contact with water prior to or immediate after the application. Over application should be avoided. This might lead to coating defect such as sagging. It is not advisable to mix paint when the paint temperature is more than 35°C. This might lead to formation of coating defects such as poor paint adhesion, pinholing and dry spray. For maximum performance curing temperature should be above 10°C. Surface temperature must always be 3°C above the dew point.

### **Epoxy Coatings Characteristics:**

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.