



Ferrorez 724

2 PARTS EPOXY CLEAR COATING (SOLVENT BASE)



Ferrorez 724 is a 2 component polyamide epoxy resin (solvent base). Use for coating upon smooth concrete surface a high gloss, waterproof, oil, chemicals and acid resistant properties. Ferrorez 724 has a high viscosity that can penetrate into smooth concrete surface such as dry shake floorhardener floor surface. Ferrorez 724 is suitable for interior use in area of carpark, light industrial floor.

Advantages

- Good adhesion to concrete.
- Acid resistance.
- Transparent or coloured.

Area of use

- Use in concrete floor coating.

Standards and compliances

Ferrorez 724 is manufactured under standard than conform to ASTM C 882

Physical properties

Properties	Value
Colour	Clear
Flash point	26 °C
Volume Solids	23 + 2%

Technical properties

Properties	Value				
Wet film thickness (WTF.)	800 micron				
Dry film thickness (DTF.)	50 micron				
	Temperature	5 °C	10 °C	20 °C	30 °C
Drying time	Dry surface Dried solid	1 hour 16 hours	1 hour 14 hours	45 mins 10 hours	30 mins 8 hours
Drying time before recoating at 2	Leastways Greatly	10 hours 3 days	8 hours 2 days	6 hours 2 days	5 hours 1 day
Light traffic within		24 hours	14 hours	10 hours	6 hours
Solution	General thinner, xylene				
Tool	Roller				
Working instruction	Temperature of at least 5 °C Relative humidity of 85% by volume. Diluted with thinner 0 – 15% by volume.				

Method statement

Ferrorez 724

Step 1 Surface Preparation

- Concrete floor should be smooth and flat. compressive strength not less than 250 kg/cm², surface tensile strength not less than 1.5 N/mm²
- Concrete floor must be dry, clean without dust, oil, grease or other contaminants that obstruct to the bonding of Ferrorez 724
- Repair a non-moving crack with epoxy injection (Ferrorez 717). In case of crack from soil subbase it is recommended to cut or
- Remove the existing concrete floor and compact to a density 90% by proper standard and pour a new topping before start a new coating.
- Concrete floor surface temperature should be between 20 °C - 30 °C
- Accumulate moisture content in concrete floor must not exceed 4%, Humidity not above 80%

Step 2 Mixing

Pour part B (hardener) into Part A (base) and stir by low speed driller (300-400 rpm.) mixing time about 1 minutes then thoroughly add thinner into the mixture of A+B. (Thinner 5-10% of total mix) go on mixing at least 3 minute until reach homogeneous. Avoid create too much air bubble from too long mixing time or to fast drill speed.

Limitations/Cautions

- Do not scratch with sand granules, sharp or hard materials the epoxy film has a lower scratch resistance when compare to concrete surface.
- Coloured may change if contact to sunlight.
- Film may swell if moisture in concrete higher than 4% during coating.

Technical support

Customers can contact the sales department of the company at sale@ferroproduct.co.th to inquire about product usage methods. Furthermore they can also request information or organize the following activities :

1. Request for the latest updated data sheet.
2. Request for the sale conditions document and the product price list.
3. Schedule a technical staff visit to demonstrate the products at the customer's job site by filling out the "Demonstration request form" prior to the product purchase.
4. Schedule a technical staff visit to provide product usage training to the customer's workers at the job site by filling out the "Worker training request form".
5. Schedule training for the customer's foreman at the company's training center (Ferro training center) by filling out the (Foreman training request form).

Coverage

4.3-5.2 m²/litre, 250-300 g./m² per 1 coat, 2 coat is recommended.

Package

3.785 kg./set (A+B)
15.14 kg./set (A+B)

Cleaning tools

Wash tools with water before material cures. If the mixture is dry, then peel off the mechanical Force, such as scraping off.



Storage

- Shelf life 1 year in the container lid.
- Keep in dry shaded area, temperature 23 °C + 2%, Humidity 50 + 5%RH (Conform to ISO 554)

Health and safety instructions



- May cause health effect :
- Eye : May cause eye irritation.
- Skin : May cause skin irritation.
- Ingestion : May cause vomiting or nausea if swallowed.
- Inhalation : No serious effect.
- Inhalation : Move to fresh air, oxygen support if necessary. In case of breathing difficulty is occurred continuously, should taken care by medical treatment.
- Eye : Flush with clean water at least 15 minute. if irritation still exist, see medical attention.
- Skin : Clean the irritation area with mild soap and water, if burning is still exist, see physician immediately.
- Ingestion : Do not induce vomiting. call physician immediately.

Disposal

Ferrorez 724 is composed of Epoxy please do not put waste into public drainage, It is recommended to let the cement dried with sunlight.

Transportation and shipping data

THAI DOT : Not regulated. IMO : Not regulated.
USA DOT : Not regulated. IATA : Not regulated.
RID/ADR : Not regulated.



Size

- 724/Clear 3.785 kg./set (A+B)
Code FG-IC-8858915272119
component A = 3.028 kg.
component B = 0.757 kg.
- 724/Clear 15.14 kg./set (A+B)
Code FG-IC-8858915272149
component A = 10.272 kg.
component B = 4.868 kg.

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Product warranty: The company is pleased to replace any product that is clearly proven to be defective due to manufacturing processes with a new products of equal value to the portion that is defective. Refunds are not available. Customers must be notify us of replacement within 7 days from the order date. Additionally customers can't claim damages resulting from direct or indirect using of the materials, as well as delays in delivery by the company. Furthermore replacements can't be made for errors in using that arise from customers negligence without consulting the sales staff or technical documentation provided by the company. The company reserves the right to amend manufacturing formulas or new packaging designs without prior notice. Therefore customers must be request the data sheet and sale conditions from the company before actual using and before each purchase. By doing so the company assumes that customers have understood and agreed to the company's sale conditions before using. (Company products are only allowed for using by individuals who have completed training provided by the company). *For further data please refer to the sale conditions from the company's sale department at sale@ferroproduct.co.th.



ISO 9001 & ISO 14001



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