



Ferrocure 214P

PRIMER FOR SELF-LEVELLING MORTAR



Ferrocure 214P is a primer for self-leveling mortar. It is a water base and flowing with high absorbing efficiency. It can reduce the problem of air bubble from floor and can increase the bond strength between old concrete layer and the newly poured self-leveling mortar. It can also help increasing the flowing quality of self-leveling mortar during placing period.

Advantages

- Reduce bubbles on old concrete surface.
- Increase the flowing self-leveling mortar.
- Increase the bond strength between old concrete surface and self-leveling mortar.

Area of use

Self-leveling underlayment prior to Vinyl, carpet, engineered wood, floor covering.

Physical properties

Properties	Values
General characteristics	Liquid
Colour	White
Density, kg./litre (Approx.)	1 kg./litre
PH (Approx.)	8 - 9
Solid content, % (Approx.)	≈50%

Technical properties

Properties	Values
Touch dry (30 °C), hour (Approx.)	1 - 2 hours.
Tacky foot traffic (30 °C), hour (Approx.)	4 - 6 hours.
Recoat 2nd coat, (30 °C), hour (Approx.)	4 - 6 hours.

Method statement

Ferrocrete 214P

Surface preparations

- Concrete surface must be clean with no stains of dust, grease, oil, old paint, or lines of old vinyl tiles.
- Roughen concrete surface with scarifier or shot blast.
- Non-Moving cracks should be fixed with fast-setting polyaspartic caulking with cross nail (Ferrorez 700)
- Expansion joint seal with flexible STP sealant (Shore A-35) (Ferroseal 311).

How to use it

- Shake the gallon until the solution is well-blended.
- Add 1 litre of Ferrocrete 214P to 3 liters of water. Mix until it is homogeneous.
- Use roller apply all over the prepared-surfaced area.
 - 1) Apply 1st coat and left dried (4 - 6 hours). Objective to block moisture vapour so it is recommended to left dried nearly to 6 hours.
 - 2) Apply 2nd coat during tacky state (1 - 2 hours) , 30 oC prior to pouring the self-leveling mortar (Ferrocrete 214). Objective to work as a bonding agent so do not left to dried.



Limitations/Cautions

- Working temperature should not be lower than 30 °C
- Do not dampen concrete surface with water because the primer has already contain water.

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

The solution Ferrocrete 214P 1 litre : 3 litres of water.
1 litre of solution can cover approx 6 - 8 m²

Package

5 litre/gallon
20 litre/gallon

Cleaning tools

Clean all tools with water before the mortar start to dry, in case of dried mortar adhere on tools surface, should chisel with mechanical force such as electric chiseling tools.

Storage

- 1 year in container
- 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

Ferrocete 214P is composed of Ethylene glycol please do not put waste into public drainage, It recommended to let the cement left dried amid sunlight.

Transportation and shipping data

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



Size

- 5 litre/gallon
Code FG-2IC-8858915220219
- 20 litre/gallon
Code FG-2IC-8858915220226

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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



FERRO CONSTRUCTION PRODUCTS CO.,LTD.

144 M.1 Malaiman Rd. Tungkong, Songphingong, Suphanburi 72110,
Thailand

Tel. : +66-35-473877-8 Fax : +66-35-473879

E-Mail : sale@ferroproduct.co.th