



# Ferroprimer 401

**BITUMEN PRIMER COATING (SOLVENT BASED)**



Ferroprimer 401 is a bitumen rubber based primer mixing solvent based liquid can penetrate deep into porous concrete surfaces. As a primer layer before installing bitumen rubber waterproof materials such as self-adhesive waterproof rubber sheet, waterproof rubber sheet type fire blowing make a deck waterproof, basement wall.

### Advantages

- Waterproof.
- Adhesion between bitumen rubber waterproofing with concrete surface.
- Fast-setting.
- Apply steel pipe, steel plate to prevent rust.
- Good adhesion concrete on concrete surface, fiber cement, steel.

### Area of use

- Concrete floor to be install, self-adhesive waterproof rubber and type fire blowing.

## Physical properties

Properties	Value
General Characteristics	liquid

## Technical properties

Properties	Value
Density, kg./litre (Approx.)	0.90 kg./litre
Flash point, °C (Approx.)	>23 °C
Drying time, minute (Approx.)	30-45 minutes
Solid content, % (Approx.)	50-55%
Viscosity (25 °C), cPs (Approx.)	80-130 cPs
Water quantity (By volume), % (Approx.)	Max. 0.5%

## Method statement

## Ferroprimer 401

- Surface must be dry not dust, dirt, lichen, or foreign material.
- Apply with a brush or spray on the area such as concrete, metal, wood etc.
- Let dry for 30-40 minutes. Before fill or waterproof.

## Limitations/Cautions

- Avoid combustible material sparks.
- Use in a well ventilated area.
- Do not coating on concrete surface with moisture. Will make solution unable to penetrate into the concrete.

## Technical support

Customers can contact the sales department of the company at [sale@ferroproduct.co.th](mailto: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

Approx. 0.1-0.15 litre/m<sup>2</sup>/layer.

## Package

5 kg/gallon.  
20 kg./pail.  
200 kg./drum.


## Cleaning tools

Wash it first before Ferroprimer 401 is dry (2-4 hours).

## Storage

- 1 year.
- 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

Ferroprimer 401 is composed of bitumen rubber disposal do not put waste into public drainage, It is recommended to leave the cement dry with sunlight.



## Transportation and shipping data

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

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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](mailto:sale@ferroproduct.co.th).

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**ISO 9001 & ISO 14001**

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