



# Ferrojoint 315/20

## GENERAL HOT-POURED BITUMEN JOINT SEALING COMPOUND



Ferrojoint 315/20 is a hot-poured bitumen joint sealer for concrete road expansion joint. It made of a high quality bitumen and polymer that can enhance an good properties of jointsuch as high flexibility, UV resistant, waterproof Ferroseal 315/20 is ideal for filling concrete joint in concrete road, factory floor, car park etc.

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### Advantages

- As a waterproof to obstruct rain water penetrate into soil subbase layer of concrete road.
- Prevent concrete crack caused by expansion or shrinkage that
- effected from cyclic temperature such as hot and cold.

### Area of use

- Joint concrete road surface.

### Standards and compliances

Ferrojoint 315/20 is a general grade of hot poured bituminous joint that NOT conform to ASTM D 1190

## Physical properties

Properties	Value
General Characteristics	Black rubber

## Technical properties

Properties	Value
Safe temperature	Over 150 °C
Pour point	150 °C
Cone Penetration	30 mm.
Cohesionless at 0 °C speed of 3.2 mm./cm 5 rounds. (4 cm./rounds) 3 samples.	When tested anchor complete 1 times test piece 2 of 3 pieces must not cracking of or split. Or grooves, one deeper than 6.4 mm., At one point or another. In test piece or test piece with mortar between the blocks.

## Method statement

## Ferrojoint 315/20

### Step 1 Preparation groove or Joint

Grooves or joints should be dry. No debris, dirty slips easily dust, oil, wax Curing Concrete cracks or loose surface the verge. Must repaired with a suitable material such as concrete repair the structure. And left for dry before working on the next step.

### Step 2 Operation

- Ferrojoint 315/20 covered with plastic sheets put into the melting pot. (No need have to unpack plastic that encapsulated off because the plastic will melt homogeneity on the product).
- Stir to melt should be homogeneous. 145-155 °C temperature annealing.
- Ferrojoint 315/20 is homogeneous melting into the groove concrete should finish the product within 1 hour.
- Allow to dry 4-5 hrs. Before activation.

## Limitations/Cautions

- The temperature of the Ferrojoint 315/20 melt should not exceed 180 °C
- The temperature of the oil boiler should not exceed 240 °C
- Do not Ferrojoint 315/20 melting and return in use.

## 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

Coverage grooves 10 mm. Depth 40 mm. Long 1 m.  
Use rubber planting furrows 0.9 kg. approx.

## Package

Packed in plastic bags heat resistant 2 cube of 10 kg. In a strong cardboard box.  
Can be classified used and If used can not run out kept active longer.

## Cleaning tools

The tools used in the work Should be cleaned with kerosene Or turpentine immediatel use completed.

## 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

Ferrojoint 315/20 is composed of Asphalt 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

20 kg./carton

Code FG-OE-8858915231451

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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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