



# Ferrocell 316

## BACKER ROD FOR JOINT SEALANT



Ferrocell 316 is a closed cell polyethylene in round strip shape suitable for using as a sub joint (Backing rod) to polyurethane, silicone or acrylic joint sealant application. Ferrocell 316 has a high recovery property, medium density, light weight, good flexibility that can resistant to a general movement of precast concrete wall joint.

### Advantages

- Saving materials to seal.
- Can't be attached to the grout material.
- Water resistant.
- Compressible and high flexible.
- Can be use with cold grouting materials such as silicone, polyurethane.

### Area of use

Ferrocell 316 before injection material for the seal in the following.

- Within the gap of the finished wall on both sides.
- Wooden jamb, aluminum.
- Seamless concrete specimen types.
- Factory floor.

## Physical properties

Properties	Value
General Characteristics	Foam solid round
Colour	Light gray

## Technical properties

Properties	Value
Cellular structure	Closed cell ; PE Foam (Non cross linked)
Apparent density, kg./m <sup>3</sup> (Approx.)	20-30 kg./m <sup>3</sup>

## Method statement

## Ferrocell 316

### Step 1 Surface preparation

Clean the gap of the finished wall free from dust and dirt.

### Step 2 Using

- Gap, 10 mm. Requires 15 mm. Ferrocell 316 when pressed into a gap and then tightening.
- Gap, 15 mm. Requires 20 mm. Ferrocell 316 when pressed into a gap and then tightening.
- Gap, 20 mm. Requires 25 mm. Ferrocell 316 when pressed into a gap and then tightening.

### Limitations/Cautions

- Do not be use with road.
- Avoid touching the oil or solvents.
- Do not use with hot-boiled type material.
- Avoid excessive stretching can cause the Ferrocell 316 out of shape.
- Is a combustible material analogous normal plastic. Should be storage in the warehouse where installation a fire protection system.

## 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. 1 m./1 m.

## Package

50 m./roll.  
100 m./roll.

## Storage

- 5 years, Keep in dried shaded area with 23 °C temperature + 2%, Humidity 50 + 5%RH (Conform to ISO 554)
- Is a combustible material. Should be storage in the warehouse where installation a fire protectionsystem.

## Health and safety instructions



- Non-toxic

## Disposal

Ferrocell 316 is composed of poly ethylene. Should be disposal of at high heat or landfills.

## Transportation and shipping data

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



#### ဖာမာ

- 316/06 100 m./roll  
Code FG-3IC-8858915231604
- 316/08 100 m./roll  
Code FG-3IC-8858915231611
- 316/10 100 m./roll  
Code FG-3IC-8858915231628
- 316/13 100 m./roll  
Code FG-3IC-8858915231635
- 316/15 100 m./roll  
Code FG-3IC-8858915231642
- 316/20 100 m./roll  
Code FG-3IC-8858915231659
- 316/25 50 m./roll  
Code FG-3IC-8858915231666
- 316/30 50 m./roll  
Code FG-3IC-8858915231673

\*All the images in the data reproduction or duplication of copyrighted by Ferro Construction Products Products co.,Ltd. is prohibited by Act. Copyright protection 2015.

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).



#### **FERRO CONSTRUCTION PRODUCTS CO.,LTD.**

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

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

E-Mail : [sale@ferroproduct.co.th](mailto:sale@ferroproduct.co.th)