



# Ferrocem 506

## GYPSUM BOARD JOINT FILLER



Ferrocem 506 is a general purpose gypsum base jointing powdered compound. It has a high adhesion and low shrinkage. Ferrocem 506 is suitable for filling or patching joint of gypsum board, fiber cement board, patching screw hole or repairing small damaged gypsum board.

### Advantages

- Smooth easy render
- Easy rub by sand paper (No.4)

### Area of use

- Filling jointing of gypsum board and Fiber cement board.
- Patch screw head hole.
- Repair a damaged gypsum board area.

### Standards and compliances

Ferrocem 506 is manufactured under standard meets to ASTM C 109

## Physical properties

Properties	Values
General characteristics	White powder
Density, kg./litre (Approx.)	0.78 kg./litre

## Technical properties

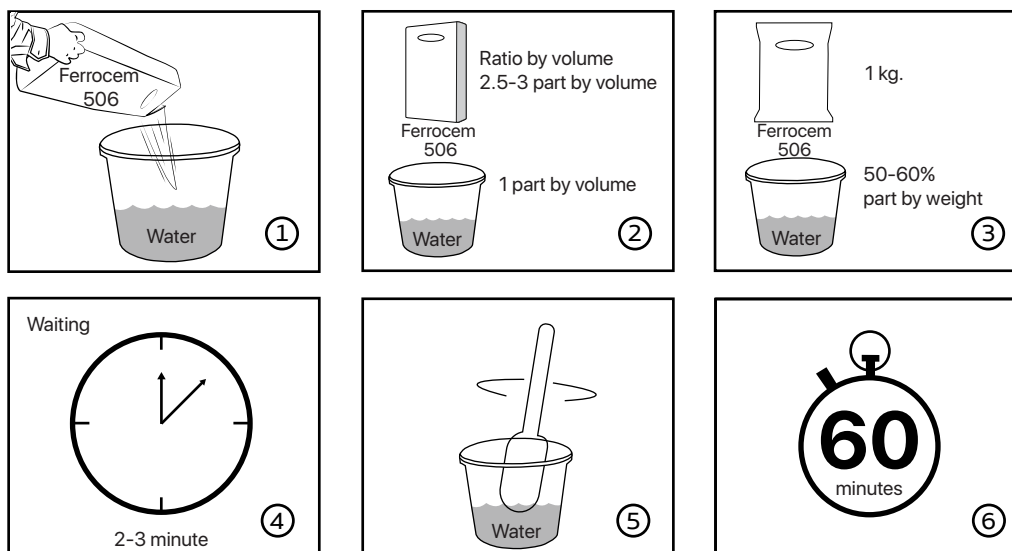
Properties	Values	Values
Water retention, % (Approx.)	79%	ASTM C91
Setting time, minute (Approx.)	60 minutes	ASTM C807

## Method statement

## Ferrocem 506

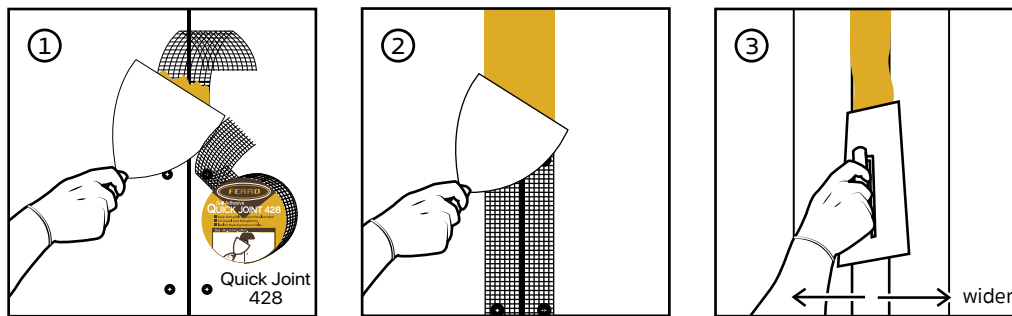
### Step 1 Mixing

1. Pour Ferrocem 506 into water in the mixing bucket.
2. By volume ratio 2.5-3 part of Ferrocem 506 per tap water 1 part by volume.
3. By weight ratio Ferrocem 506 1 kg. tap water 500-600 g.
4. Left for chemical reaction 2-3 minute.
5. Stirring by hand or electric driller (low speed) until reach homogeneous.
6. Use all mixture within 60 minute.



## Step 2 Rendering

1. Apply 1st layer of Ferrocem 506 to fill gypsum board joint gap and lay a fiberglass tape on to Ferrocem 506 during wet. Render from top to down the joint to flatten a fiberglass tape.
2. Apply 2nd layer of Ferrocem 506 patching until reach a smooth flat surface joint and left dried.
3. Apply 3rd layer over a smooth surface of taped joint and render wider area to left and right. Left completely dried and rub by sand paper No.4 to flatten joint area before painting or wallpaper works.



## Limitations/Cautions

- Application temperature should be between 15-40 °C.
- Do not add other materials.
- Gypsum plaster should be kept in a dried, shaded area without damp.
- Use all mixture at once within 60 minutes.
- Interior use only

## 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 kg./m<sup>2</sup> thickness 1 mm.

## Package

5 kg./bag (6 bag/carton)  
20 Kg./bag (100 bag/pallet)

## Cleaning tools

Should be wash with water immediately before gypsum mortar start to dried.  
Chesiling tool is required in case of dried mortar stich to tools.

## Storage

- 1 year
- Keep in dried 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

Ferrocem 506 is composed of cement disposal 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.		



5 kg



20 kg

### Size

- Ferrocem 506/20 Gypsum board joint filler (20Kg./bag)  
Code FG-5IC-8858915255174
- Ferrocem 506/5 kg./bag (6 bag/carton)  
Code FG-5IC-8858915255198

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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).



**ISO 9001 & ISO 14001**



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