

# CP470

## PROTECTIVE COATING FOR INTERNAL PLASTER & MASONRY



### KEY BENEFITS SUMMARY

- Ideal for use in areas requiring a high level of cleanliness
- Water vapour permeable: allows substrate to breathe
- Smooth jointless / seamless finish
- Fire resistance: Class 'O' in accordance with UK Building Regulations
- Non-static and easily cleaned

### PRODUCT INFORMATION

#### Description

CP470 is a water based flexible coating system, formulated to provide effective protection to plaster and masonry.

#### Usage / Purpose

CP470 is used as a protective and decorative coating to walls and masonry structures.

#### LIMITATIONS

- Do not use on continuously wet areas where the coating may eventually soften and become susceptible to damage.
- Not for use in aseptic areas.
- Not suitable for the coating of untreated or rusty steelwork. A suitable anti-corrosive coating is recommended.
- Do not apply in poor conditions. Application should only be considered when the ambient temperature is +5°C and rising, relative humidity <85%. Following application the temperature must be above +5°C for at least 3 hours to ensure proper curing of the finish.

#### Finish

Smooth with a slight sheen

#### Colours

White as standard - other colours to special order, subject to minimum order quantity

#### Packaging

9 litre containers

#### Environmental Considerations

Water based, low odour product.

#### Availability

Direct from tremco illbruck (see bottom of leaflet for address and telephone details).

#### Protective Equipment

Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

#### Surface Preparation

- All surfaces to be coated must be clean, dry and free from loose friable material and any other contaminants likely to impair adhesion.

#### Application Conditions

- Ensure adequate through ventilation during and after application to assist drying.
- Application temperature range +5°C to +30°C, relative humidity <85%.

#### Method of Application

- The product is self-priming onto correctly prepared concrete, blockwork and brickwork. For other substrates, a trial application should be made to confirm satisfactory adhesion.
- Apply a minimum of two coats of CP470 by brush, roller or airless spray. Allow 2-4 hours between coats in good drying conditions.
- Spray equipment - Graco Ultra 1500 or similar, 6.17 spray tip and 60 or 100 mesh filter, pressure: 2800 - 3000 psi / 19 - 21 MPa.

#### Cleaning

All equipment should be cleaned with a mild detergent / water solution immediately after use.

# CP470

## PROTECTIVE COATING FOR INTERNAL PLASTER & MASONRY

**TREMCO**

### Health & Safety Precautions

Safety data sheet must be read and understood before use.

### Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

### Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge. No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

### TECHNICAL DATA

PROPERTY	RESULT
Composition	CP470 is a water based, internally plasticised co-polymer latex with light fast pigments, giving a high build coating
Drying ( $>15^{\circ}\text{C}$ and $\text{RH} < 70\%$ )	2 - 4 hours minimum between coats
Biostatic Performance	Will provide protection against algae, fungi & bacteria. A full listing can be obtained from tremco illbruck Customer Service Department.
Reflectance ( $60^{\circ}$ Head)	8% to 10%
Volume Solids	46%
Water Vapour Transmission Rate (BS EN ISO 7783-2:1999)	12.2 g/m <sup>2</sup> per day
Diffusion Equivalent Air Layer Thickness (Class I (permeable to water vapour) prEN 1504: Part 2: 2000)	1.77 m
Carbon Dioxide Permeability prEN 1504: Part 2: 2000 (pass = $>50$ m))	87 m
Coverage	5 - 8 m <sup>2</sup> /litre/coat - approximate coverage guidelines are based on a smooth, flat surface, but can vary with porosity, substrate profile, etc.
Storage	Store in secure, dry warehouse conditions between $+8^{\circ}\text{C}$ and $+30^{\circ}\text{C}$ and protect from frost
Shelf Life	12 months when stored as recommended in original unopened containers

tremco illbruck - A Company approved to:



tremco illbruck Limited, Coupland Rd,  
Hindley Green, Wigan, WN2 4HT, UK.  
Tel: +44 (0)1942 251400  
Fax: +44 (0)1942 251410  
Email: [uk.info@tremco-illbruck.com](mailto:uk.info@tremco-illbruck.com)  
Website: [www.tremco-illbruck.co.uk](http://www.tremco-illbruck.co.uk)

**tremco  
illbruck**  
[www.tremco-illbruck.com](http://www.tremco-illbruck.com)

2017-07 v02