

# CP470

## PROTECTIVE COATING FOR SOFFITS, COLUMNS & MASONRY



### KEY BENEFITS SUMMARY

- Excellent anti-carbonation properties
- 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 used as a protective and decorative coating to soffits, walls and upstands within concrete and masonry buildings/structures, including:

- car park structures
- sheltered balconies
- covered walkways

#### LIMITATIONS

- Do not use on continuously wet areas where the coating may eventually soften and become susceptible to damage.
- 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. The surface temperature should be +3°C above the dew point.

#### Finish

Smooth with a slight sheen

#### Colour

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.
- As a minimum, it is recommended that all surfaces to be coated should be power washed. Further preparation may be necessary.
- In order to provide a continuous pinhole free coating, concrete exhibiting honeycombing or blowholes should be 'bagged in' using a suitable levelling mortar.

#### Application Conditions

- Ensure adequate through ventilation during and after application to assist drying.
- Application temperature range +5°C to +30°C, relative humidity <85%.
- Do not apply if frost is expected before the coating has dried.

#### Method of Application

- The product is self-priming onto correctly prepared plaster, 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.

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## 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°C and 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° Head)   | 8% to 10%   |
| Volume Solids  | 46%   |
| Accelerated Weathering (QUV-B)   | No noticeable change after 4000 hours   |
| 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°C and +30°C and protect from frost   |
| Shelf Life   | 12 months when stored as recommended in original unopened containers  |



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