**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.

**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
## Technical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Result</th>
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<tbody>
<tr>
<td>Composition</td>
<td>CP470 is a water based, internally plasticised co-polymer latex with light fast pigments, giving a high build coating</td>
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<tr>
<td>Drying (≥15°C and RH &lt;70%)</td>
<td>2 - 4 hours minimum between coats</td>
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<tr>
<td>Biostatic Performance</td>
<td>Will provide protection against algae, fungi &amp; bacteria. A full listing can be obtained from tremco illbruck Customer Service Department.</td>
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<tr>
<td>Reflectance (60° Head)</td>
<td>8% to 10%</td>
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<tr>
<td>Volume Solids</td>
<td>46%</td>
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<tr>
<td>Accelerated Weathering (QUV-B)</td>
<td>No noticeable change after 4000 hours</td>
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<tr>
<td>Water Vapour Transmission Rate (BS EN ISO 7783-2:1999)</td>
<td>12.2 g/m² per day</td>
</tr>
<tr>
<td>Diffusion Equivalent Air Layer Thickness (Class I permeable to water vapour prEN 1504: Part 2: 2000)</td>
<td>1.77 m</td>
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<tr>
<td>Carbon Dioxide Permeability prEN 1504: Part 2: 2000 (pass = &gt;50 m))</td>
<td>87 m</td>
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<tr>
<td>Coverage</td>
<td>5 - 8 m²/litre/coat - approximate coverage guidelines are based on a smooth, flat surface, but can vary with porosity, substrate profile, etc.</td>
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<tr>
<td>Storage</td>
<td>Store in secure, dry warehouse conditions between +8°C and +30°C and protect from frost</td>
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<tr>
<td>Shelf Life</td>
<td>12 months when stored as recommended in original unopened containers</td>
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