DESCRIPTION
PACTOProof 300 AC is a high performance pure aliphatic acrylate resin based protective coating available in clear and pigmented versions.

TYPICAL USES
PACTOProof 300 AC is designed to provide protection for atmospherically exposed, reinforced concrete structures against attack from moisture ingress, acidic gases, sulphates, carbonations and chloride ions. Typical applications include high rise buildings, villas, marine structures, concrete cladding, precast units, bridges, domes, car park walls and ceilings, boundary walls, stairs, cement silos, etc.

ADVANTAGES
- Excellent resistance to UV, weathering and CO2
- Highly durable, extends the life of the structure
- Breathable
- Non-yellowing, low dirt pick up
- Suitable for internal and external use
- Single component, easy to use
- Excellent build properties enables application to both horizontal and vertical surfaces
- Wide range of colours available

TECHNICAL DATA (TYPICAL PROPERTIES at 25 °C)

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
<td></td>
<td>Single</td>
</tr>
<tr>
<td>Form</td>
<td></td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td></td>
<td>Clear and pigmented</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>ASTM D1475</td>
<td>1.00 +/- 0.02 (Clear)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.23 +/- 0.02 (Pigmented)</td>
</tr>
<tr>
<td>Solid Content</td>
<td>ASTM D 244</td>
<td>20 +/- 3% (Clear)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>55+/+ 3% (Pigmented)</td>
</tr>
<tr>
<td>UV Resistance</td>
<td>ASTM G 53</td>
<td>No change in colour/appearance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>after 300 hrs (accelerated test)</td>
</tr>
<tr>
<td>Reduction In Chloride Ion</td>
<td>ASTM C 1202</td>
<td>&gt; 95%</td>
</tr>
<tr>
<td>Crack Bridging Ability</td>
<td>ASTM C 836</td>
<td>1.5 mm</td>
</tr>
<tr>
<td>Bond Strength</td>
<td>ASTM D4541</td>
<td>&gt; 1 N/mm 2</td>
</tr>
<tr>
<td>Depth of Carbonation</td>
<td></td>
<td>Nil</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>ASTM D 870</td>
<td>Nil</td>
</tr>
<tr>
<td>Water Permeability</td>
<td>BS 12390-Part 8</td>
<td>Nil</td>
</tr>
<tr>
<td>Drying Time</td>
<td>ASTM D2939</td>
<td>40-60 mins</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>ASTM D 2939</td>
<td>Minimum 4 hrs</td>
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</tbody>
</table>

APPLICATION

Surface Preparation
Surfaces should be dry and free from contamination such as oil, grease, loose particles, algae growth, laitance, mould release oils, etc. After applying primer, small holes, pinholes, defects, hairline cracks shall be sealed by using PACTOProof 300 AC Filler putty. Repair materials / sealer / primer, should be allowed to dry prior to the application of the first coat of PACTOProof 300 AC.

Priming
Concrete and masonry surfaces should be primed with PACTOProof 300 AC Primer. Steel, aluminium, galvanized steel, plastic to be primed with special primer.

Mixing
Stir the material thoroughly before applying.

Application
PACTOProof 300 AC may be applied by suitable brush, roller or by airless spray equipment. Minimum two coats are recommended. The first coat should be applied to achieve a uniform coating with a wet film thickness of not less than 175 microns. This coat should be allowed to dry before applying the second coat. Prior to application of the second coat any pinholes or surface irregularities should be repaired with PACTOProof 300 AC Filler putty and allowed to dry before proceeding. The second coat of PACTOProof 300 AC should be applied in perpendicular direction to the first coat with wet film thickness of not less than 175 microns.
EQUIPMENT CLEANING
Clean all equipment and tools with water immediately after use.

COVERAGE
PACTOProof 300 AC (Pigmented): 2.85 m²/lt-coat at 175 micron wft
PACTOProof 300 AC (Clear): 10-12 m²/lt-coat.
PACTOProof 300 AC Primer: 4m²/lt-coat
Actual coverage will depend on texture and porosity of substrate.

PACKAGING
PACTOProof 300 AC (Pigmented): 20 ltr
PACTOProof 300 AC (Clear): 5 ltr and 20 ltr
PACTOProof 300 AC Filler: 5 ltr and 15 ltr
PACTOProof 300 AC PRIMER: 20 ltr

STORAGE AND SHELF LIFE
Shelf Life 12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

HEALTH AND SAFETY
PPE’s Gloves, goggles & suitable mask must be worn.

Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.
Hazard Regarded as non-hazardous for transportation.

Disposal
Do not reuse containers. To be disposed off as per local rules and regulations.

Additional Information Refer MSDS. Available on request.

Important Note: Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, as the conditions of any labor involved in the application is beyond our control. PAC Technologies shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of this product. It is the responsibility of the user to ensure that the product meets his particular requirements and to use it in a suitable way. Field service, where provided, does not constitute supervisory responsibility. For additional Information contact your local PAC Technologies representative.