SmartCare Damp Proof

Asian Paints SmartCare Damp Proof is a fiber reinforced elastomeric liquid applied water proofing membrane. It is formulated with select elastomeric and resilient acrylic polymers and reinforcing synthetic fibers. Upon curing, it forms a thick, seamless, durable membrane thus offering ultimate waterproofing.

**PRODUCT BENEFITS**

- **Water proofing**
  - Waterproofing protection of up to 7 bars of positive hydrostatic pressure
- **Crack bridging**
  - Unmatched crack bridging ability due to elastomeric properties
- **Mechanical strength**
  - Reinforced with synthetic fibers for superior abrasion resistance
- **Adhesion**
  - Strong adhesion to masonry substrates
- **Surface temperature reduction**
  - Provides surface temperature reduction up to 10°C. This property is applicable for terraces and only for white shade

**Use & maintenance**

- Single pack, easy to apply and simple re-coating
- High sheen
- High sheen, brilliant white colour and thick coat results in high levels of heat reflectance
- **Anti carbonation**
  - Reduces carbon dioxide and chloride ion diffusion thus protecting re-bars against corrosion
- **Warranty**
  - 8 Years Waterproofing warranty on Terraces and up to 8 Years on vertical surfaces

**PRODUCT FEATURES**

- **How to apply**
  - As measured through a Ford cup. 2. Apply an additional coat of Damp Proof in case of severe dampness. 3. For best results, strictly follow the dilution and forced coverage requirements.

**AVAILABLE PACKS**

- 1 ltr
- 4 ltr
- 10 ltr
- 20 ltr

**COLOURS AVAILABLE**

- White

**COVERAGE**

- **Horizontal Surface**
  - Fresh painting: 0.93 Sq. mtr/Ltr
  - Re-painting: 2.32 – 2.79 sq. mtr/ltr

- **Vertical Surface**
  - Fresh painting: 2.32 Sq. mtr/Ltr
  - Re-painting: 2.79 – 3.25 sq. mtr/ltr

**DRYING TIME TO TOUCH**

- 4-6 HOURS

**HOW TO APPLY**

- **Pre painting steps**
  - New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces. The roof must have positive slope/ drainage system to avoid water ponding at places.
  - Surface should be free from any loose paint, dust or grease. Remove all existing bitumen coatings completely. It is recommended to use Intense wire brushing, High speed water jet and vacuum cleaner for thorough cleaning of the surface to avoid “Peeling off” problems.
  - The substrate must be checked for its soundness using small hammer. All cracks at corner joints, channels and parapets should be properly treated.

**APPLICATION PROCESS**

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>CODE</th>
<th>THINNER</th>
<th>DILUTION %</th>
<th>APPLICATION VISCOSITY</th>
<th>RECOATING PERIOD</th>
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</thead>
<tbody>
<tr>
<td>HORIZONTAL SURFACE</td>
<td>1048</td>
<td>WATER</td>
<td>33%</td>
<td>N/A</td>
<td>4 - 6 HRS</td>
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<td>1048</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>4 - 6 HRS</td>
</tr>
<tr>
<td></td>
<td>1048</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>4 - 6 HRS</td>
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<td>VERTICAL SURFACE</td>
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<td>WATER</td>
<td>33%</td>
<td>N/A</td>
<td>4 - 6 HRS</td>
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<tr>
<td></td>
<td>1048</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>4 - 6 HRS</td>
</tr>
<tr>
<td></td>
<td>0068</td>
<td>WATER</td>
<td>40%</td>
<td>N/A</td>
<td>4 - 6 HRS</td>
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<tr>
<td></td>
<td>0068</td>
<td>WATER</td>
<td>40%</td>
<td>N/A</td>
<td>4 - 6 HRS</td>
</tr>
</tbody>
</table>

1. As measured through a Ford cup. 2. Apply an additional coat of Damp Proof in case of severe dampness. 3. For best results, strictly follow the dilution and forced coverage requirements.
Waterproofing

ADDITIONAL INFORMATION

POST PAINTING CARE

For the best performance of the paint, ensure proper washing and cleaning of all algal and fungal growth, if any, at regular intervals of six months.

PRECAUTIONS

▸ Repair the hollow surface area before applying Damp Proof coat.
▸ For miscellaneous surface like tiling, smooth and glossy cementitious surface, product should be used with Asian Paints SmartCare Terrace Tile primer.
▸ For horizontal surfaces, use Asian Paints SmartCare Joints Tapes at all joints & corners for better reinforcement.
▸ For oily, existing failure coating surface, carry patch tests to check adhesion of product to substrate.
▸ The forced coverage leads to long term performance hence it is recommended to ensure coverage as per datasheet only.
▸ Do not apply during rains or extreme temperatures.
▸ Not recommended for rain water harvesting purpose.
▸ Avoid abuses which may lead to puncturing of membrane.
▸ Ensure that the product is applied at least 6 inches inside the drain pipe.
▸ For best results, apply coating on parapet walls as well.

SAFETY FEATURES

▸ Kindly refer to the MSDS for Asian Paints SmartCare Damp Proof which gives detailed information on safety measures while handling the paint, which is available on request.
▸ Store the container with the lid tightly closed in an upright position, in a cool, dry place.
▸ Keep out of reach of children and away from eatables.
▸ May be harmful if swallowed. In case of ingestion seek immediate medical attention.
▸ Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
▸ In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
▸ Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
▸ Do not pour leftover paint down the drain or in water courses.
▸ In the event of spills, contain spillage using sand or earth.
▸ No added Lead, Mercury or Chromium compounds.

TECHNICAL DETAILS

▸ a. Form: Ready to use viscous liquid
▸ b. Mix Density: 1.26
▸ c. Application temperature: 5ºC to 35ºC

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
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<tr>
<td>Colour</td>
<td>White</td>
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<tr>
<td>Specific Gravity</td>
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<tr>
<td>Water Resistance</td>
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<td>Alkali Resistance</td>
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<tr>
<td>Viscosity Sormer</td>
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<tr>
<td>Solids by wt, %</td>
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<tr>
<td>Tensile Strength</td>
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<tr>
<td>Elongation</td>
<td>220</td>
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<tr>
<td>Adhesion to dry concrete</td>
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<tr>
<td>CBA, mm</td>
<td>1 mm (Horizontal)</td>
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<tr>
<td>Water vapour permeance</td>
<td>4.41</td>
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<tr>
<td>Anti Carbonation, R Value (@ 207 DFT)</td>
<td>275</td>
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