



Waterproofing – Liquid Applied

SMARTCARE DAMP PROOF

Fiber Reinforced Elastomeric liquid applied waterproofing

Description

Asian Paints Berger 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 polyester fibers. Upon curing, it forms a thick, seamless, durable membrane thus offering ultimate waterproofing.

Uses

- Building roofs
- Terraces
- Parapets
- Sunshades
- Exterior vertical walls
- Application on existing IPS, sound brick-bat coba or cementitious waterproofing.

Characteristics

- Waterproofing upto 7 bars of hydrostatic pressure
- Unmatched crack bridging ability do to elastomeric properties
- Reinforced with glass fibers for superior abrasion resistance
- Strong adhesion to masonry substrates
- High sheen, brilliant white colour and thick coat results in high levels of heat reflectance
- Reduces carbon dioxide and chloride ion diffusion, thus protecting rebars against corrosion
- Single pack, easy to apply.

Appearance

White

Packing

4 Ltr & 20 Ltr

Coverage

1m²/ltr for roof and 2m²/ltr for vertical walls
2.5 m²/ltr for re-coating on walls.

Properties

Appearance	Viscous liquid
Colour	White
Specific Gravity	1.25
Water Resistance	10
Alkali Resistance	8
Viscosity Sormer	122-134 KU
Solids by wt, %	54.6 - 60.4
Tensile Strength	2.82
Elongation	220
Adhesion to dry concrete	5.47
CBA, mm	1 mm (Horizontal)
Water vapour permeance	4.41
Anti-Carbonation, R Value (@ 207 DFT)	275

Application Method

Plaster

New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces.

Cleaning

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 or high speed water jet for thorough cleaning.

Repairing

The substrate must be checked for its soundness using small hammer. All cracks at corner joints, channels and parapets should be properly treated.

Crack Repair

For crack repair upto 3mm use Asian Paints Crack Seal. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars.

Horizontal Application

Step 1:

Self-priming smartcare damp proof with brush

Step 2:

First coat waterproofing smartcare damp proof with brush / roller

Step 3:

Second coat waterproofing smartcare damp proof with brush / roller

Vertical Application

Step 1:

Self-priming smartcare damp proof with brush

Step 2:

First coat waterproofing smartcare damp proof with brush / roller

Step 3:

First coat Weather coat ultra-brush / roller.

Step 4:

Second coat Weather coat ultra-brush / roller.

Notes:

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

Technical Details

- a. Form: Ready to use viscous liquid
- b. Mix Density: 1.26
- c. Application temperature: 5°C to 35°C
- d. Shell life: 3 years from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

Post Application 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

- Do not apply during rains or extreme temperatures.
- 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 parapet to parapet to envelope the entire building.

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.

Note: The information supplied in our literature or given by our employees is based on extensive experience and, together with that supplied by our agents or distributors, is given in good faith to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of work, we accept no liability for any loss or damage which may arise as a result thereof.

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