

PRODUCT CODE 8045

SmartCare Damp Proof Xtreme

Asian Paints SmartCare Damp Proof Xtreme is a fiber reinforced elastomeric liquid applied waterproofing 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 9 bars of positive hydrostatic pressure

Crack bridging

Unmatched crack bridging ability due to elastomeric properties

High Solar Reflectance

Brilliant white colour and thick coat results in high levels of heat reflectance

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

Mechanical strength

Reinforced with synthetic fibers for superior abrasion resistance

Anti carbonation

Damp Proof Xtreme system has excellent CO₂ diffusion (carbonation) resistance & prevents the corrosion of rebar within the concrete matrix, leading to superior structural protection

Warranty

12 years Waterproofing warranty on Terraces and up to 12 years on vertical surfaces (Warranty years on vertical surfaces will depend upon top coat used, please refer to warranty booklet for more details)



WATER BASED
asianpaints

No Added Mercury, Arsenic & Chromium

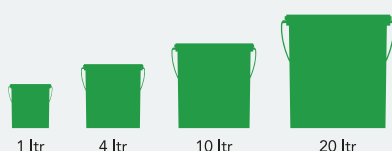
Lead contents does not exceed 90 parts per million.

*Surface temperature reduction: Temperature recorded from 1 pm to 3 pm with the aid of laser guided infrared non-contact thermometer, degree of surface temperature reduction will vary depending upon the surface & weather conditions

**Source of the moisture needs to be treated before application of SmartCare Damp Proof Xtreme.

PRODUCT FEATURES

AVAILABLE PACKS



Shelf life: 3 years from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

COLOURS AVAILABLE



COVERAGE

RECOMMENDED SYSTEM

On RCC or plaster using brush or roller

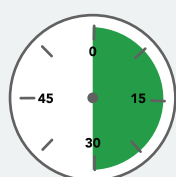


Horizontal Surface:
3 COATS
10 sq.ft/ltr



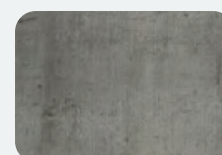
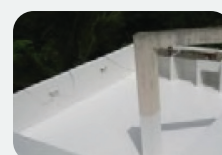
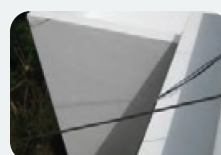
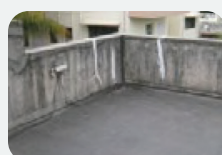
Vertical Surface:
2 COATS
Fresh painting: 30 sq.ft/ltr
Re-painting: 25-30 sq.ft/ltr

DRYING TIME TO TOUCH



4-6
HOURS

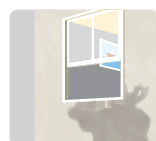
RECOMMENDED USAGE



Can be used for building roofs, terraces, parapet, sunshades and exterior vertical walls.

HOW TO APPLY

PRE PAINTING STEPS



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. The roof must have positive slope/drainage system to avoid water ponding at places.



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, high speed water jet and vacuum cleaner for thorough cleaning of the surface to avoid "Peeling off" problems.



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



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

APPLICATION PROCESS

DESCRIPTION	PRODUCT	THINNER	DILUTION %	RECOATING PERIOD
HORIZONTAL SURFACE				
STEP 1 SELF PRIMING DAMP PROOF XTREME BRUSH	DAMP PROOF XTREME	WATER	30%	4 - 6 HRS
STEP 2 FIRST COAT WATERPROOFING DAMP PROOF XTREME BRUSH / ROLLER	DAMP PROOF XTREME	N/A	N/A	4 - 6 HRS
STEP 3 SECOND COAT WATERPROOFING DAMP PROOF XTREME BRUSH / ROLLER	DAMP PROOF XTREME	N/A	N/A	4 - 6 HRS
VERTICAL SURFACE				
STEP 1 SELF PRIMING DAMP PROOF XTREME BRUSH	DAMP PROOF XTREME	WATER	30%	4 - 6 HRS
STEP 2 FIRST COAT WATERPROOFING DAMP PROOF XTREME BRUSH / ROLLER	DAMP PROOF XTREME	N/A	N/A	4 - 6 HRS
STEP 3 FIRST COAT TOP COAT APEX ULTIMA / ULTIMA PROTEK SHYNE BRUSH / ROLLER	APEX ULTIMA/ ULTIMA PROTEK SHYNE	WATER	As per recommendation	4 - 6 HRS
STEP 4 SECOND COAT TOP COAT APEX ULTIMA / ULTIMA PROTEK SHYNE BRUSH / ROLLER	APEX ULTIMA/ ULTIMA PROTEK SHYNE	WATER	As per recommendation	4 - 6 HRS

NOTE:

- For Exterior surface where ground raising dampness or other sources of seepage and moisture ingress are possible from negative side(Eg:- Balcony areas, walls adjacent to kitchen sinks or bathrooms, water storage tanks etc), use Smart Care Damp Block 2K(2-coats) before application of Damp Proof Xtreme.
- Apply an additional coat of Damp Proof Xtreme in case of severe dampness.
- For best results, strictly follow the dilution and forced coverage requirements.

ADDITIONAL INFORMATION

POST PAINTING CARE

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

PRECAUTIONS

- > Repair the hallow surface area before applying Damp Proof Xtreme coat.
- > For horizontal surface / Terrace, please ensure no cracks present on corners and joints, use corner coving / joint tapes on all joints and corners for better reinforcement in these areas.
- > 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, dew or extreme temperatures. Don't apply when the ambient temperature is less than 10 degree Celsius or possible to go below 10 degrees Celsius within 4-Hours of application. Don't apply when the humidity is > 80%.
- > 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.
- > Ensure to apply coating on parapet walls as well.

TECHNICAL DETAILS

- a) **Form:** Ready to use viscous liquid
- b) **Mix Density:** 1.16 - 1.24
- c) **Application temperature:** 10°C to 35°C

SAFETY AND ENVIRONMENT FEATURES

- > Kindly refer to the MSDS for Asian Paints SmartCare Damp Proof Xtreme 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.



For enquiries, feedback and complaints, please call toll-free number 16600124680/9802033515 or write us at weassure@asianpaints.com.np