

PRODUCT CODE 1A76

SmartCare Hydroloc

Asian Paints SmartCare Hydroloc is a one component, ready-to-use, penetrative-cum-film forming interior waterproofing solution that provides best-in-class solution to interior waterproofing problems like dampness and efflorescence. It forms a breathable, but water-tight film which doesn't allow transport of water and salts to the surface.

PRODUCT BENEFITS

Warranty

3 years waterproofing warranty* on Dampness and Efflorescence on plaster surfaces

Waterproofing

Resists up to 4 bars of negative hydrostatic pressure (ASTM D7088)

Anti-efflorescence

Provides long-lasting protection from efflorescence

High Moisture Resistance

Applicable up to 70% substrate moisture**

Hassle-free and Easy to Use

Unique, one component, ready-to-use, brushable product.

Penetrative Coating

Penetrating additive imparts water repellency to porous construction materials

Pore Blocking

Pore blocking additive blocks water transport within the substrate

Adhesion

Excellent adhesion with cementitious substrate

*Please refer to warranty document for details on warranty terms and conditions

**Source of dampness needs to be treated before application of SmartCare Hydroloc



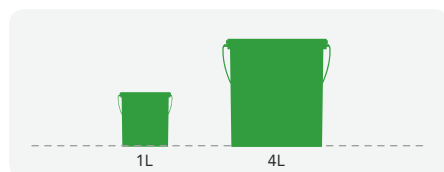
WATER BASED

LEAD FREE* GUARANTEE

* All Asian Paints products contain no added Lead, Mercury, Arsenic or Chromium from April 2008.

PRODUCT FEATURES

AVAILABLE PACKS



Shelf life: 24 months

COLOURS AVAILABLE

White

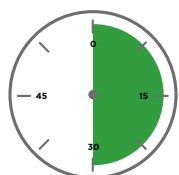


COVERAGE



40 – 45 sq.ft/ltr
(3.7 – 4.2 sq.m/ltr)

DRYING TIME TO TOUCH



4-6 HOURS

RECOMMENDED USAGE

Masonry surfaces: (with sufficient porosity) – such as plaster surfaces, interior walls and ceilings.

HOW TO APPLY

Application of SmartCare Hydro Halt:

Surface Preparation:

- Surface under treatment should be firm and strong, clean and free from oil or any loosely held plaster/powder. For weak and crumbling surface, replastering is recommended. Masonry surface should be fully cured prior to application.
- On existing efflorescence surface, clean with efflorescence cleaner as per the instruction provided for its usage or by wire brushing followed by thorough water washing.
- Surface cracks (< 3mm) and large pores or dents must be filled with SmartCare Crack Seal. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars.
- Wash the surface thoroughly using water and a strong brush. Remove all loosely bound sand particles, instant lime, POP, black spots, fungus, moss on moisture captured walls and any poorly adhering painted surface.

- Surface should be in SSD condition prior to the application of Smartcare Hydroloc

Application Method:

If the Surface is damaged with dampness and/or Efflorescence, follow the below process-

- Prepare the surface as per the above guidelines
- Existing putty to be removed till plaster level from skirting to the affected area covering an additional one ft distance across all sides of affected area
- Smartcare Hydroloc is recommended to be applied on plaster by brush ensuring material goes inside the pores/interstices
- Apply first coat of Smartcare Hydroloc (no dilution) with a forced coverage of 40-45 sft/L from skirting to the affected area, covering an additional one ft distance across all sides of affected area. Allow it to dry for 6-8 hrs.
- Apply 2nd Coat of Smartcare Hydroloc (no dilution) with coverage of 40-45 sft/L perpendicular to first coat. Allow it to dry for 6-8 hrs.

- Apply two coats of Asian Paints TruCare Wall Putty or Asian Paints TruCare Acrylic Wall Putty or Asian Paints SmartCare WaterProofing Putty over Smartcare Hydroloc. Allow it to dry for 6-8 hrs. Sand with sand paper 180. Wipe clean and paint over it as per regular painting practices.

If the surface is in good condition (without Dampness and any visible Efflorescence)-

- Existing putty to be removed till plaster level from skirting to the affected area covering an additional one ft distance across all sides of affected area
- Apply a single coat of Smartcare Hydroloc (no dilution), with a forced coverage of not more than 40 - 45 sq. ft/ litre. Allow it to dry for 6-8 hrs.
- Apply two coats of Asian Paints TruCare Wall Putty or Asian Paints TruCare Acrylic Wall Putty or Asian Paints SmartCare WaterProofing Putty over Smartcare Hydroloc. Allow it to dry for 4-6 hrs. Sand with sand paper 180. Wipe clean and paint over it as per regular painting practices.

ADDITIONAL INFORMATION

TECHNICAL DETAILS

- **Appearance:** White, viscous liquid
- **Density:** 1.05 g/cc
- **Negative Side Water Permeability (ASTM D7088):** Passes 4Bar

PRECAUTIONS

- › Putty application over SmartCare Hydroloc is mandatory
- › SmartCare Hydroloc is not to be used with hand-made putty or Lambi putty
- › Do not apply primer or topcoat directly over Smartcare Hydroloc as it may cause de-wetting
- › Smartcare Hydroloc is not designed for application over excessive dampness (moisture level above 70%) or in live leakage scenarios.
- › Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 8 hrs of application.
- › Do not apply when humidity is greater than 90%. It may cause pre-condensation on the walls.
- › Make sure the material is thoroughly stirred before the application
- › Subsequent coats of topcoat are to be done as per the manufacturer's recommendation

SAFETY FEATURES

- › Please refer to Material Data Safety sheet (MSDS) for Asian Paints SmartCare Hydroloc which gives detailed information on safety measures while handling the product, 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, please 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.