

PRODUCT CODE F0150

SmartCare Hydroloc

Asian Paints SmartCare Hydroloc is a single component, ready-to-use, 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.



WATER BASED
LEAD FREE* GUARANTEE

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

PRODUCT BENEFITS

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

Waterproofing:
 Resists up to 5 bars of negative hydrostatic pressure (ASTM D7088)

Anti-efflorescence:
 Provides long-lasting protection from efflorescence

High Moisture Resistance:
 Applicable up to 30% 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

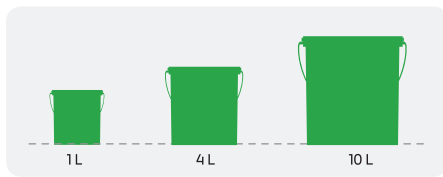
Pore Blocking:
 Pore blocking additive blocks water transport within the substrate

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

PRODUCT FEATURES

AVAILABLE PACKS



Shelf Life: 24 months

COLOURS AVAILABLE

WHITE

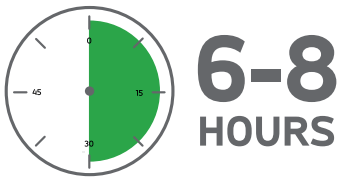


COVERAGE



Forced coverage
 16-18 sq.ft./L for
 2 coats

DRYING TIME TO TOUCH



RECOMMENDED USAGE

1. Masonry surfaces with limited porosity such as plaster surfaces and interior walls.
2. For highly porous and weak masonry surfaces - Apply one coat of bond coat with cement and SmartCare Repair Polymer with 1:1 ratio before application of SmartCare Hydroloc.

Before applying SmartCare Hydroloc, SmartCare Salt Clean (2 coats) must be used to clean the excessive salt from the surface.



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 16-18 sq.ft./L for
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HOW TO APPLY

PRE APPLICATION STEPS



CLEANING 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 SmartCare Salt Clean as per the instruction provided for its usage or by wire brushing followed by thorough water washing.



FILLING FOR HOLES & DENTS Surface cracks (< 3mm) and large pores or dents must be filled with SmartCare Crack Seal Advance. Bigger cracks, damaged portions and hollow areas must be repaired with SmartCare Repair Polymer mixed 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.

Identification of live leakages - Rising dampness and live leakages on account interior or exterior plumbing issues, rain drains, sanitary drains etc. identify internal live leakage and take appropriate preparation steps for plumbing repair, cracks in windows or exterior walls, drains etc.

Surface should be in SSD condition prior to the application of SmartCare Hydroloc.

Post Painting Care - For the best performance of the coat, ensure proper washing only with water and cleaning of all algal and fungal growth, if any, at regular intervals of six months.

APPLICATION PROCESS

- Prepare the surface as per the given guidelines.
- Existing putty and sealer to be removed till plaster level from the entire affected wall.
- Apply SmartCare Salt Clean for removing efflorescence from inner surface. Maintain 16-18 sft coverage in 2 coats having 4-6 hours interval between coats. No dilution is needed in any coats. Leave the surface over night for better result.
- If the plaster is weak or loose, apply 1 coat of bond coat with 1:1 mixture of cement and SmartCare Repair Polymer.
- SmartCare Hydroloc is recommended to be applied on plaster by brush ensuring uniform application on the surface.
- Apply first coat of SmartCare Hydroloc at 10% dilution with a forced coverage of 32 to 36 sq.ft/L. Allow it to dry for 6-8 hrs.
- Apply Second coat of SmartCare Hydroloc (no dilution) with coverage of 32 to 36 sq.ft/L perpendicular to first coat. Allow it to dry for 6-8 hrs.
- Apply Putty over SmartCare Hydroloc and apply topcoat according to respective application process.

ADDITIONAL INFORMATION

TECHNICAL DETAILS

Appearance: Self standard White, ready to use viscous liquid

Density: 1.20 ± 5% g/cc

Negative Side Water Permeability (ASTM D7088): Passes 5 Bar

PRECAUTIONS

- > Putty application with SmartCare Vitalia Neo over SmartCare Hydroloc is mandatory.
- > SmartCare Hydroloc is not to be used with hand-made putty.
- > SmartCare Hydroloc is not designed for application over live leakage scenarios or ground water rising.
- > 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.
- > Do not go more than 10% dilution.

SAFETY MEASURES

- > 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 for 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.

