

Product Code F0130

# SmartCare Damp Block Undertile

SmartCare Damp Block Undertile is a two component cementitious waterproofing high performance coating for terrace and bathroom and specially prepared to prevent dampness from below-the-tiles.



## PRODUCT BENEFITS

### Waterproofing:

Resists up to 3 Bars of positive hydrostatic pressure.

### Adhesion:

1Mpa Bonding strength with cementitious surface.

### Elongation:

Elastic film provides adequate elongation to resist dampness.

WATER BASED

LEAD FREE\* GUARANTEE

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

## PRODUCT FEATURES

### AVAILABLE PACKS



28 kg

### POT LIFE

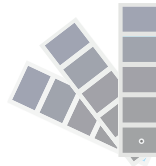
40-50 Minutes

### SHELF LIFE

1 Year

### COLOURS AVAILABLE

Grey  
(After Mixing)



### RECOMMENDED USE

Bathroom, Kitchen, Roof under the tiles

### DRYING TIME

4-6 hours

### COVERAGE

On smooth masonry surface by brushing



**2 COATS**  
6 - 6.5 sq.ft/ltr\*\*

\*\*Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity.

## HOW TO APPLY

### PRE PAINTING STEPS

#### Surface Preparation:

Surface under treatment should be strong enough, clean and free from oil or loose materials. Masonry surface should be fully cured prior to application. In case of efflorescence, cement plaster should be removed from the affected areas up till the brick level. Surface cracks (<3mm) must be filled with SmartCare Crack Seal. Bigger cracks, damaged portions and hollow areas must be repaired with SmartCare Repair Polymer mixed cement mortars. Prior to application, the surface must be in Saturated Surface Dry (SSD) condition.

#### Mixing:

Add powder to liquid (6 parts powder, 1-part liquid & 1 Part Water) slowly while stirring. In case of bulk volume, use mechanical stirrer. Mix the required quantity until a smooth homogenous slurry without lump is achieved. Keep the slurry undisturbed for 5-6 minutes to release entrapped air during mixing.

### PAINT APPLICATION PROCESS

#### Step 1:

Apply SmartCare Damp Block Undertile slurry by brush or roller over SSD masonry/ brick surface/ RCC.

#### Step 2:

Allow the 1st coat to dry for 4-6 hours (drying depends on ambient temperature) and then apply 2nd coat.

#### Step 3:

The 1st coat and 2nd coat must be applied in perpendicular direction for better results.

#### Step 4:

Achieve a coverage of 6 - 6.5 sq.ft/kg in 2 coats.

#### Step 5:

If the application is being done on bricks, overlay of tiles bed / apply Tiles screed after 24 to 48 hours. For screed, use SmartCare Vitalia Neo as an integral waterproofing compound.

#### Step 6:

Ensure 3-5 days curing of tiles/ screed that applied over SmartCare Damp Block Undertile.

## ADDITIONAL INFORMATION

### POST PAINTING CARE

For the best performance of the coating, ensure proper screed/ tiling over the SmartCare Damp Block Undertile.

### PRECAUTIONS

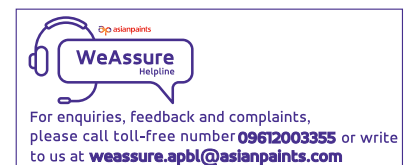
- > Always add powder to polymer to ensure the mixture is free of lumps.
- > Do not cure by flooding with water or conduct any ponding test before it gets completely cured.
- > In case of fresh concrete/ masonry substrate- the surface must be cured for 28 days before application.
- > Overlaying of Tiles bed / installing tiles must be done after 24 to 48 hours.

### SAFETY FEATURES

- > Kindly refer to the MSDS for SmartCare Damp Block Undertile which gives detailed information on safety measures.
- > Store the container in a cool and dry place.
- > Keep out of reach of children and away from edibles.
- > 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, wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- > Do not breathe vapor 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 DATA

Properties	Specification	Results
Mix Ratio (Powder: Liquid), part by weight		6:1
Recoat-able time, Hours		4-6
Positive Hydrostatic Pressure	DIN 1048	3 bar
Negative Hydrostatic Pressure		2 bar
Adhesion Strength (MPa)	ASTM D 4541	1 MPa



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