

PRODUCT CODE 0000

SmartCare Infinia Topcoat

Liquid applied waterproof coating for terraces which forms tough & extremely durable monolithic composite film which can withstand the weather vagaries and thus offers lifetime peace to consumers.

PRODUCT BENEFITS

Waterproofing:

Resists Minimum 10 bars of positive hydrostatic pressure

Superior Durability:

Excellent weatherability with good fatigue resistance

Excellent Mechanical Strength:

Wear and tear resistance

Hassle-free and Easy to Use

Crack Bridging Ability:

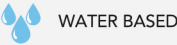
Effectively bridges cracks upto 6 MM

Surface Temperature Reduction:**

Upto 10°C Surface Temperature Reduction for terraces

Light Weight:

It is a light-weight coating with no additional load on building.



LEAD FREE*GUARANTEE



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

PRODUCT FEATURES

AVAILABLE PACKS



Shelf Life: 36 months

COVERAGE

COVERAGE* – On freshly applied SmartCare Infinia primed surface



1st Coat:
2 sq.m./kg or 21.5 sq.ft/kg (500g per sq. m)



2nd Coat:
1.25 sq.m./kg or 13.5 sq.ft/kg (800g per sq. m)



3rd Coat:
2 sq.m./kg or 21.5 sq.ft/kg (500g per sq. m)

Top Coat Coverage:
0.55 sq.m/kg or 5.92 sq.ft/kg (1.8kg per sq. m)

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

RECOMMENDED USAGE



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

HOW TO APPLY

Surface Preparation:

New Surface:

- The new concrete surface should be at least 28 days old and have a moisture content of less than 5%. Ensure filling of cracks with SmartCare CrackSeal or Polymer Modified Mortar.

Old Surface:

- Old concrete surface inspection pre-checks to be done for checking hollow areas, loosely bound particles, cracks and overall condition. All big cracks or damaged areas and irregularities must be repaired using Polymer Modified Mortar. Previous water proofing treatment if any is completely removed to reach bare RCC structure / mother slab.

Application Methodology:

- Before application, mix the material slowly to get homogeneous consistency.
- SC INFINIA Primer Application: Apply one coat of SC Infinia Primer with a consumption of 100-150 g/sq.m. and let it dry for 4 to 6 hours.

SmartCare Infinia Topcoat Application:

- Before application, mix the material with mechanical mixer to get homogeneous brushable consistency.
- Apply 1st coat of undiluted material with brush or roller at the consumption of 500 g/sq. m. and allow to dry for 8-12 hrs.
- Apply 2nd coat with 30% dilution (with water)at 400 g/sq. m. coverage and spread 50 GSM Asian Paints SmartCare Polyester Fleece on the second coat immediately. Ensure that there are no folds or wrinkles when the fleece is spread. Apply remaining 30 % diluted material at 400 g per sq meter on the fleece (wet on wet) and impregnating the fleece completely. Press the roller uniformly to hide rising geotextile heads. Total consumption in 2nd coat should be 800 g/sq. m. Allow 2nd coat to dry for 8-12 hrs. 100 mm overlapping of fleece need to be done at all joints & corners for better reinforcement.
- Apply 3rd coat of undiluted material with the help of a brush or roller in a crisscross direction. The consumption of this 3rd coat should be 500 g/sq. m.
- Drying may vary depending on temperature and humidity, higher humidity may cause delay drying hence provide adequate time for complete dry between the coats.

*Please refer to www.asianpaints.com for terms and conditions of warranty. Call 1800-209-5678 to register warranty.

PRECAUTIONS & POST PAINTING CARE

- Repair the hallow surface area before applying SC Infinia.
- 100 mm overlapping of fleece need to be done at all joints & corners for better reinforcement.
- For oily, existing failure coating surface, carry patch tests to check adhesion of product to substrate.
- Do not apply during rains or extreme temperatures.
- 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.
- Entire terrace to enveloped including parapets till a height of 2 feet.
- Water logging on the film surface should be avoided to minimize film defect / loss of film integrity. Any prolonged water logging may result in blisters which will subside once the water drains off.
- Ensure 2nd coat with fleece to dry completely before 3rd coat application.

SAFETY MEASURES

- Kindly refer to the MSDS for Asian Paints SmartCare Infinia 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.

TECHNICAL DETAILS

NO.	PARAMETERS	STANDARD	VALUES
1	Weight Per Liter	ASTM D 1475	1.13 ± 0.05
2	Tensile Strength*	ASTM D 2370	3.5 ± 0.5
3	Elongation (with fleece)*	ASTM D 2370	80 ± 10
4	Elongation (without fleece)	ASTM D 2370	400 ± 50
5	Crack Bridging Ability (Static)	AS-NZ 4548	6.5 ± 0.5
6	Overcoating interval time	-	8-12 hours
7	Pull off strength, Dry concrete (with SC Infinia primer)	ASTM D 7234	1.5 Mpa ± 0.15
8	Puncture resistance	ASTM E154	> 200 N

*Tensile strength and elongation test values are for the composite system i.e. Infinia Primer + Infinia Top Coat + Fleece