

SmartCare APCOREP Monopol

Asian Paints SmartCare APCOREP Monopol is a concrete specific coating system that provides protection against chloride ion penetration, carbonation, UV radiations and weathering effects. SmartCare APCOREP Monopol has excellent crack bridging ability and excellent biological resistance.



PRODUCT BENEFITS

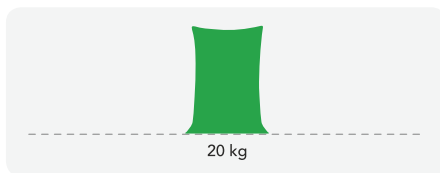
- SmartCare APCOREP Monopol is a single component system.
- SmartCare APCOREP Monopol offers excellent adhesion and can be applied even over the dense concrete surfaces unlike conventional acrylic systems, which have limitation for such substrates.
- Water vapour permeability unaffected. Allows the substrate to breathe.
- Compatible with solvent containing surface coatings.
- Available in select shades.
- Impermeable to chloride ions

RECOMMENDED USAGE

For coating Bridge Decks, PSC Box Girders, Cooling Towers, Chimneys, Pier Columns, Marine Structures, Viaducts, Aqueducts, Water retaining structures, External surfaces of E.S.R/M.B.R., Structures exposed to thermal stresses, Airline Hangars, Multi-storied buildings, etc.

PRODUCT FEATURES

AVAILABLE PACKS



Shelf life: 12 months from the date of manufacture when stored in original un-opened packaging under normal conditions.

COLOURS AVAILABLE



COVERAGE



HOW TO APPLY

- Thoroughly clean the surface by mechanical means or by sweep sand blasting to remove residual dust, oil and depositions, depending on the site conditions. Seal all the cracks, crevices, surface blemishes with polymer putty prior to application.
- Stir and apply SmartCare APCOREP Monopol by brush/spray over the prepared surface and allow it to cure for minimum 2 hours prior to applications of subsequent coats. SmartCare APCOREP Monopol coating shall be vigorously stirred before application.

ADDITIONAL INFORMATION

Technical Data

Base	Solvent based Pure Aliphatic Acrylate System
System	Single Component consisting of primer & top coat
D.F.T.	75â 80 microns per coat
Adhesion (ASTM-D-4541)	Min. 3.3 N/mm ²
UV Condensation (ASTM-G-53)	Min. 100 hours
Electrochemical Impedance	10 ⁹ initial 10 ⁷ after 30 days

Storage & Handling:

Store the material in a cool place away from direct sunlight or any source of ignition and fire. Keep away from the reach of children in a well ventilated place.

Health & Safety Precautions:

Wear protective gloves, goggles, and nose masks while handling and using the material. In case of splashes on the skin and contact with eyes wash thoroughly with plenty of water. In case of ingestion and inhalation remove the personnel to fresh air. Seek medical advice in all the above cases. The disposal of excess or spilled material shall be carried out in accordance with local regulations.