CEYAKRETE
construction chemicals & coatings

Manufactured by an ISO 9001 2015 Certified Company

SUPERFLEX

2K WATERPROOFING COATING

TECHNICAL DATA SHEET

CEYAKRTE SuperFlex 2K Waterproofing is an ultra-flexible, acrylic polymer-modified 2-pack cementitious coating system manufactured in compliance with ISO 9001:2015 Quality Management Process using internationally certified raw materials and standards. It is an effective and permanent waterproofing solution for any concrete & cementitious structures. It provides excellent adhesion, flexibility, and durability. The membrane can receive direct plaster or screed without affecting the bond. Marble and tiles can be fixed directly onto the membrane with CeyaKrete Tile Adhesive.

FEATURES

- High Flexibility
- Excellent Adhesion
- Extreme Durability
- High tolerance to expansion and shrinking
- Does not contain toxic

USES

- Concrete Rooftops and Balconies
- Sewage and Water Treatment Tanks
- Canals & Manholes
- Swimming Pools, Outdoor Ponds
- Bonding and Waterproofing Joints
- Replacing with DPC tar in the Foundation
- Bathroom Floors to Prevent Water Seepage

TYPE: Acrylic Elastomeric Waterproofing System

COLOUR: Grey

APPLICATION METHOD: Brush



Ceyalac (Pvt) Ltd.
Ingiriya Road, Arukwatte, Padukka, Sri Lanka
+94 11 7222252
+94 11 2507770
info@ceyalac.com
www.ceyalac.com
Sales Hotline: 773 833 929

Member of CRI Group ESTB 1950

Subsidiary of Ceylon Rubber Industries Ltd.

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COVERAGE: 8 - 10 Sq. ft./kg. This may vary and will depend on the texture and porosity of the substrates. It is possible to build up a final dry film thickness of 0.5 - 1.0 mm per coat. Two coats are recommended. It is highly recommended to use SuperFlex as a sandwiched layer.

RECOMMENDED FILM THICKNESS: 2.0 – 3.0 mm

DILUTION: Not recommended

SURFACE PREPARATION: The Surface must be sound, clean, as dry as possible, and free from all defective or poorly adhering material, dirt, grease, or wax. Wire brush/Cup wheel the surface thoroughly & clean the dust with a vacuum. Wash the surface with clean water. Oil & grease must be removed using degreasing solvents or suitable detergent. Any damaged surfaces must be repaired prior to application of SuperFlex.

MIXING & APPLICATION: Mixing Powder part (A) and Liquid Polymer (Binder) part (B) in a 1:1.5 ratio. It is recommended to use a heavy-duty slow-speed drill-fitted mixing machine for mixing. Shake the liquid component well prior to mixing. Slowly add the powder component to the liquid under continuous stirring to achieve a lump-free homogenous slurry.

Application Apply the 1st coat of the mixed SuperFlex on the prepared surface to build up a dry film thickness of 0.5 - 1.0 mm and allow drying for at least 45 minutes. Apply the 2nd coat perpendicular to the 1st coat (in 900 directions) to the properly dried SuperFlex first coat. It is extremely important that the area being applied is shaded from direct sunlight and wind to prevent rapid drying of the coating.

before drying the 1st layer. Keep it for 24 hours to dry, then apply the second coat perpendicular to the first coat. It is highly recommended to render to prevent physical damage to the CEYAKRETE SuperFlex waterproofing layer. It will provide a key for subsequent plaster coats. When tilling, it is strongly recommended to render the SuperFlex layer before laying the tiles (Floor and wall tiles). This will help to prevent physical damage and increase proper bonding with the substrate.

DRYING TIME: Surface drying 2 – 4 hours Hard Dry 24-hour

STABILITY OF DILUTED PAINT: 30 minutes from time of mixed

OVERCOATING TIME: 2 -3 hours, based on normal conditions

PACKING: 1kg, 5kg, 10kg & 20kg

STORAGE: Store in a tightly sealed container in a cool dry place

TESTED AT: NBRO & ITI

SHELF LIFE: Up to 2 years in a tightly sealed container

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SAFETY & PRECAUTIONS:
Ensure good ventilation during the application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment. In the event of contact with eyes, rinse with clean running water and seek immediate medical attention Keep the product out of reach of children.

IMPORTANT :
Avoid painting when the temperature is below 10˚C. Painting is not recommended if the moisture content and alkalinity of the walls is high. The moisture content of the walls should be below 16% and the alkalinity of the wall should be below pH-9. Relative humidity should be below 85%. Painting on a newly plastered wall is recommended after 12 weeks of curing. Should not be applied on surfaces/substrates that are subjected to continuous seepage or dampness. Post Application

INSTRUCTION:
To enhance the performance of the paint film, clean the exterior surfaces, algae, or fungus if any with clean water in an interval of 6 months.

DISCLAIMER
The information given is intended to give a description of the product's performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since the circumstances under which the products are applied in practice are subject to many variations. We reserve the right to alter the given data without notice.



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