

CREED-2k

Polymer based waterproofing Technology

CREED 2K is a waterproof coating system that is composed of two components: modified acrylic polymer and cementitious materials. When mixed and hardened, it provides an excellent water-resistant barrier and offers extremely high resistance to both positive and negative pressures. Additionally, CREED 2K has excellent flexibility, breathing properties, crack bridging properties, weathering durability, and resistance to the growth of microbial organisms.

SPECIFICATION

Mix Component	: Ratio 1 : 2 (A : B)
Water Absorption	: < 6%
Setting Time	: 45 min
Tensile Strength	: $\geq 4.5 \text{ N/mm}^2$ after 14 days exposure
Compressive Strength	: 3 Days : $\geq 2 \text{ N/mm}^2$
Polymer Content	: > 18%

KEY FEATURES

Low water permeability
Excellent adhesion
Elastomeric (elasticity range 40% to 50%)

APPLICATION



Bathroom



Terraces



Watertanks



Sloped Roofs

HOW TO APPLY :-

Surface Conditioning:-

- Clean the surface with a wire brush or scrubber to remove dirt, particles, and dust that are not visible.
- Use a suitable solvent to reduce the surface.
- To prepare the surface, repair the damaged concrete area. Make sure to repair it to a depth of at least 10 mm to avoid feather edging and to provide a strong bond.

Mixing:-

- Shake the liquid component well until it becomes a uniform milky color.
- In a mixing vessel, slowly add the powder component into the liquid while continuously stirring.
- Continue to stir thoroughly with a slow speed stirrer to achieve a lump-free, uniform slurry.
- Wet the surface of application with water and let it dry until it is almost dry to the touch.
- Apply the first coat with a stiff nylon brush. Make sure to work the coating well into the substrate to fill all small undulations.
- Wait for 3 to 4 hours after the completion of the first coat, then apply the second coat in a direction perpendicular to the first.
- Complete the application and let it cure in water for 2 days.
- In new bathrooms, it is recommended to apply CREED-2k all over the sunken slab portion and upwards over the masonry walls up to a height of 6-7 feet, i.e., over the splash zone of the shower, etc. This ensures complete waterproofing.



Area to cover:-

80 - 100 Sq.ft./ pack
of 15 kg in 2 coats



Packing:-

15 kgs. (10 kgs. + 5 ltr)
3 kgs. (2 kgs. + 1 ltr)

Shelf Life:-

- If stored at 25°C, product can be kept in its original packaging for up to 12 months

Precautions:-

- To avoid lump formation, always add powder to liquid.
- Do not cure by flooding with water.
- Do not conduct any ponding test before the coating is completely cured for 7 days.