



# SUPERKOT

Heavy duty reinforced acrylic water proof coating for terrace

## Description

**SUPERKOT** is a heavy duty terrace waterproofing system, composed of specially developed highly elastic and resilient acrylic polymers, properly selected & graded fillers, lightfast & weather durable pigments, additives and best quality fungicidal in water medium. It is used as a liquid applied waterproofing membrane for all types of building terraces. SUPERKOT is a three-layer system with coats in different colors ensuring proper build-up of the thickness, making it a reliable waterproofing system.

## Advantages

- Film thickness – Provides higher dry film thickness of minimum 1 mm in three coat application
- Crack bridging – Good Bridges cracks
- Suitability – Can be used for flat as well as sloping roofs
- Resilience – Forms highly elastic & resilient coating so helps to withstand the structural movements
- Abrasion resistant – No additional protective coating is required for roof subjected to foot traffic
- Ease of application – Can be applied by brush & roller easily
- Temperature reduction by 8 to 9°C @ 45°C Surface temp
- Weight addition – Light in weight does not add extra weight over the roof
- Toxicity – It is Non-toxic in nature, Eco-friendly
- Breathe ability – It is Breathable

## Uses

- Building roofs / Terraces– Flat & slope
- RCC Structure
- Masonry Walls of all types low and high rise buildings
- Cooling Tower
- Bridges
- Over existing cementitious waterproofing treatments like brick-bat coba & Concrete Screeds



## Compliance standard

- ASTM C1202  
WRAS - "Suitable for use in contact with portable water" - BS 6920: 2000

## Technical Information

PROPERTIES	RESULTS
Color	White
Surface dry time	30 min
Adhesion to concrete	Excellent
Recoating interval	4 to 5 hr. @ 30°C
Elongation	150%
UV resistance	Excellent

## Method of Application

- Any deficiencies on the surface should be rectified before applying primer coat
- Apply sealer coat for better adhesion and sealing
- Allow the primer coat to dry for 2 hours
- Apply the first coat of SUPERKOT at the rate of 2 m<sup>2</sup> per liter and allow it to dry before taking up the second and third coats, the rate of application being the same.
- Allow drying for 4-5 hours before application of second coat
- This would ensure correct consumption of material that will deliver a total dry film thickness of 1 mm. Ensure that the primer and the 3 coats of SUPERKOT totally achieve a minimum thickness of 1 mm dry film thickness. Allow the system to air cure for 7 days minimum.

**This in turn leads to a series of associated benefits:**

**Enhanced durability:** Resistant to UV & weather conditions.

**Strength:** Good tensile strength, tear resistance & bond strength with cementitious substrates.

## Coverage

- PRIMER COAT : 12 sq.m /ltr/coat [Add 40% water to SUPERKOT to make prime coat]  
SUPERKOT : 2 m<sup>2</sup> per liter per coat  
(Actual coverage depends on application techniques, ambient conditions, wastage, surface condition etc)

## Packaging

- SUPERKOT is supplied in 1,5,10 & 20 Liters of container

## Storage

- Minimum of 24 months shelf-life if kept under room temperature (i.e. 27°C).

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