

SUPERKOT

Heavy duty reinforced acrylic waterproof 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.

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

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 $10\pm 2^{\circ}\text{C}$ from 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

Product Compliance Standard:

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

Company Standard Compliance:



Technical Information:

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

Application Procedure:

Surface Preparation :

- All substrates must be sound, clean, dry, smooth and free from protrusions, voids, honey-comb, sand high spots. Presence of curing agents, paint and oil will impair adhesion.
- Moss and lichen must be removed and area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water and allow drying.

Priming:

- 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.

Application:

- Apply the first coat of SUPERKOT at the rate of 2 m² 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 daysminimum.

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 m² per liter percoat

(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 & Shelf-life:

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

Health & Safety:

SUPERKOT is water borne paint & eco-friendly. It is not health hazardous. If comes in contact with skin or eyes wash immediately with water and take medical treatment if irritation happens. For more information about safety please prefer product material safety data sheet.

	It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.
	ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.
	ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.
	ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance

	This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.
	Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.
	ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.