

SMARZKOT CLASSIC

2K elastic waterproofing



Description:

SMARZKOT classic is an acrylic modified elastomeric waterproofing system .It is 2K system consisting of powder part and liquid part in a pack. Mix both powder and liquid well in given proportion and directly apply with the help of brush/roller. Powder part consists of specially selected additives, graded hard-wearing fillers and liquid part is blend of modified acrylic.

Uses:

- Durable waterproofing system on all type of concrete surfaces
- Waterproofing of roofs, balconies, terrace and verandas
- Waterproofing of bridge-decks, tunnels, stadium stands, water tanks, marine structures etc.

Advanatges:

Breathable waterproofing coating

- It helps to maintain temperature in and out side of the buildings as it have excellent UV resistance properties which ultimately decrease inside temperature

Ease to apply

- Easy in application and can be directly applied to the damp concrete and masonry and provide excellent adhesion bonds to porous and nonporous surfaces. Excellent for concrete roof, leaking brick and masonry walls

Green environment

- Non-toxic-ideal for potable water tanks and other

- food manufacturing industrial mesonary possessing green technology.

Resistance to chloride ion

- Good resistance to Carbon dioxide and Chloride ion diffusion

Non-toxic

- Lead,arsenic,mercury free liquid supports green environment.

Water based

Company Standard Compliance:



Technical Information:

Properties	Specification
Appearance	Off white viscous liquid
Elongation Dry film % (ASTMD412-98)	150%
UV resistance	yes
Specific gravity	1.35 to 1.40
Pot life	60 minutes@ 27 °c 20 minutes@ 35 °c

Tensile strength (ASTM D412-1997)	2 N/mm2(at 1.5 mm thickness)
Cracks bridging	passes 0.32 mm width
Microbial resistance	Algae, fungus & moss
Application Temperature	5°C to 45°C

Application Procedure:

Cleaning:

- Clean all the surface to the sound base which is to be treated with SMARZKOT Classic. Remove dust, oil, laitence any other chemicals oil etc.

Surface Preparation:

- Fill the cracks if present on the substrate with REDOSEAL ACL properly.

Priming:

- Priming of the substrate must be done with PRIMKOT because priming the surface before waterproofing will provide better adhesion to the substrate and increase durability of waterproofing system.

Application:

- Mix SMARZKOT classic powder part A and liquid part B thoroughly until lumps free paste with the help of slow speed mixture,. Apply the mix with the help of brush/roller on the prepared surface. After first coat dry apply 2nd coat immediately to get better adhesion between two coats. Allow the coating for full cure until 24 hours. In areas of having extreme environment condition you are recommended to contact Redwop expert team.

Coverage:

The approximate coverage per pack at even consistency Brush Application It will cover minimum 8 sq.ft /kg @ min. thickness 1 mm Actual coverage willdepends on the texture of the surface and no. of coatings.

Packaging:

SMARZKOT Classic supplied in 10 & 20 kg bucket.

Storage & Shelf-life:

Minimum of 12 months self-life if kept under room temperature (i.e. 27 °C).

Health & Safety:

SMARZKOT classic is non-toxic. Gloves and goggles should be worn Any splashes to the skin or eyes should be washed off with clean water and use a dust mask while handing the powder. 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.

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