

SMARZKOT **advanced**

Acrylic liquid membrane elastic waterproofing

SMARZKOT advanced is acrylic modified elastomeric waterproofing system for exterior horizontal as well as vertical surface. It is 1K acrylic based liquid membrane, ease in application directly apply with the help of brush/roller. It has excellent properties to withstand pressure up to 3 bars of positive waterproofing pressure on vertical surface and 5 bars of positive waterproofing pressure on horizontal surface.

Use

- Waterproofing on roofs
- Waterproofing of balconies, terrace and verandas
- Waterproofing of all type of old and new concrete
- Waterproofing and protection of concrete construction like bridge-decks, tunnels, stadium stands etc.



Metallic lead free



Green coatings with eco-friendly nature

Advantages

Low water vapor transmission

It helps to maintain temperature in and out side of the buildings as it have excellent UV resistance properties

Eco-Friendly

Non-toxic-ideal for potable water tanks and other food manufacturing industrial mesonary.

No-toxic content

Lead,arsenic,mercury free liquid supports green environment.

Application

Ease 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

Anticarbonation properties

Good resistance to Carbon dioxide and Chloride ion diffusion

Water based



Product Details

Packaging



10 kg.

20 kg.

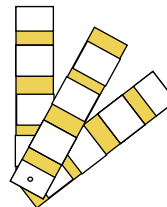
(Minimum of 12 months self-life if kept under room temperature (i.e. 27 degree Celsius).

Coverage



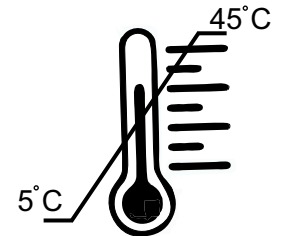
The approximate coverage at even consistency with brush application It will cover minimum 8sq.ft / kg for horizontal surface and 15sq.ft / kg for vertical surface in 1st coat and 24sq.ft/kg in 2nd coat Actual coverage will depends on the texture of the surface and no. of coatings.

Color



WHITE

Application Temperature



5 degree to 45 degree celsius

Application Procedure

- Clean all the surface to the sound base which is to be treated with SMARZKOT advanced. Remove dust, oil, laitance any other chemicals oil etc.
- Fill the cracks if present on the substrate with REDOSEAL ACL properly.
- 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.
- Mix SMARZKOT advanced well before use.
- Apply the mix with the help of brush 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.
- Areas subjected to moderate and heavy loads/hydrostatic pressure, minimum 1mm thickness coating is recommended for further information you can contact Redwop expert team.

Technical Details

1. Appearance : White color viscous liquid
2. Elongation Dry film %(ASTMD412-98) : 150%
3. Solar light reflecting index : 120 (ASTM E1980)
4. Specific gravity : 1.28 to 1.32
5. Tensile strength (ASTM D412-1997) : 2 N/mm² (at 1.5 mm thickness)
6. Cracks bridging : 0.5 mm
7. Microbial resistance : Algae, fungus & moss

Primer coat

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. PRIMKOT is supplied in 1,5,10 and 20 kg packs.

Health & Safety

SMARZKOT advanced 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 handling the powder. For more information about safety please refer product material safety data sheet.

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INNOVATING FOR A BETTER WORLD

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