

ACROCOTE-2K

Two Pack Acrylic Polymer Modified Cementitious Waterproof Coating



DESCRIPTION

ACROCOTE-2K is a two pack polymer modified cementitious-based protective and waterproof coating. When it hardens it develops excellent bonding property to most building materials. It is suitable in both interior and exterior building and all other civil engineering applications. It develops slightly flexible film, which prevents dampness in buildings tanks and other concrete structures permanently.

USES

- For sealing fine “hairline” cracks in concrete structures.
- For rigid waterproofing of water tanks, pools etc.
- For exterior waterproofing of basement walls in new buildings.
- For all kinds of damp proofing and waterproofing in concrete, mortar, rendering, brickwork and block work.
- For sealing internal basement and cellar walls against dampness.
- For waterproofing of Roof Gardens.

ADVANTAGE

- Excellent adhesion to sound and prepared surfaces.
- Pre-measured packs - need only mixing.
- Easy to apply by brush.

- Non-toxic suitable for contact with drinking water.
- Non-Corrosive to steel or iron, non-inflammable.
- Protects against the effects of concrete carbonation, efflorescence or salt-petering.
- Protects superbly against water penetration.

PROPERTIES

Two packs:	Pack A Pack B	White liquid Grey Powder
Colour of the hardened film	Grey	
Density of Mixed Components	2 kg / ltr.	
Time for working at 30°C	20 to 30 minutes 60% R. H.	
Coating required generally	Two	
Application temperature minimum	20°C	
maximum	45°C	
Adhesive strength with concrete	30 kg/cm ² (approx.)	
Tensile Strength	25 kg/cm ² (approx.)	
Compressive Strength	175 kg/cm ² at 3 days (approx. 300 kg/cm ² at 28 days (approx.))	

APPLICATION

Surface Preparation

All surfaces must be sound clean and free from any oils, grease, paint, bitumen or other surface contaminants and efflorescence. If the surface is treated previously with a water-repellent, **ACROCOTE-2K** will not develop any bonding property. Under such situation, thorough grit blasting/scrabbling is required, or otherwise, all loose or defective materials should be removed by chipping or needle gunning. Concrete surfaces should be free from laitance/dirt or any loose materials. It is user's responsibility to check surface soundness properly and to satisfy himself that such products are fit for the purpose for which he intends to use it and that the actual surface conditions of use are suitable. Prepare stiff paste of **ACROCOTE-2K** (Use 10% less of component A) to repair the defective areas like cracks, cavities, and blowholes. Any leakage should be sealed with **ACRO-3** before coating with **ACROCOTE-2K** slurry.

Mixing

Mix full quantity of pack B with full quantity of pack A or mix in a ratio of 1:3 by weight (A : B) for smaller quantities in a bucket. Continue mixing until smooth slurry results. Use such slurry within 20 to 30 minutes.

METHODS OF USE

For Damp Wall, Basement

All surfaces where **ACROCOTE-2K** shall be used, should be dampened well by spraying/sprinkling of water over them. The first coat of **ACROCOTE-2K** should be applied on such dampened surfaces using fiber brush. If the surface dries during application or otherwise, re-dampen it. The second coat of **ACROCOTE-2K** shall be applied when the first coat has hardened reasonably (no nail impression within 4 to 7 hour). For any subsequent coat, the previous coat should be allowed to harden upto maximum 24 hours. Protect the freshly applied coat from rain water or water splashes. Protect the freshly applied surface from direct sunlight for at least 6 - 8 hours.

For Exposed Roof

All surfaces where **ACROCOTE-2K** shall be used, should be cleaned, sound and free from oil, grease, paint, bitumen or other surface contaminants. The surface should be then dampened well with clean potable water on which the first coat of **ACROCOTE-2K** is applied using soft fibre brush. The fibre mesh supplied by the company, is then uniformly spread on the freshly applied first coat. The second coat shall then be applied over the first coat after 6-8 hours later than the application of previous coat. It is further advisable that whenever the exposed surface is subjected to traffic movement, 15-25 mm plaster (1 : 4 cement & sand) using **ACROPLASTER-M** shall laid on the second coat to protect the **ACROCOTE-2K** coating.

All floor / wall joints should be covered with our polymer modified mortar before treating the areas with our **ACROCOTE-2K**.

For Spray application of **ACROCOTE-2K** slurry, please consult our Technical team.

Normal curing as done for other cementitious materials using damp Hessian cloth or membrane forming curing compound is essential.

Soft slurry form tools and equipments may be cleaned with water but the hardened material may be removed mechanically.

Acrocote 2K



20 Kg



4 Kg



1 Kg



PACK A + PACK B



COVERAGE

1 kg of **ACROCOTE 2K** mixed pack A & B will provide a coverage of 4 to 6 sq.ft. in two coats of application or 4 kg mixed material will provide a coverage between 1.5 m² to 2.5 m².

PACKING

Available in two pack system: 1kg, 4 kg and 20 kg in pre-measured quantities of pack A & B.

HEALTH AND SAFETY

Non-inflammable and non-hazardous.

ADDITIONAL INFORMATION

Our technical service team is available for on-site assistance and advice in using our all products. A very wide range of our products like water proofers, plasticizers, super-plasticizers, accelerators, retarders, air entrainers, mould release agents, curing compounds, grouting products, anchor products, bonding agents and repair materials are available for all round solution of civil/ construction problems.

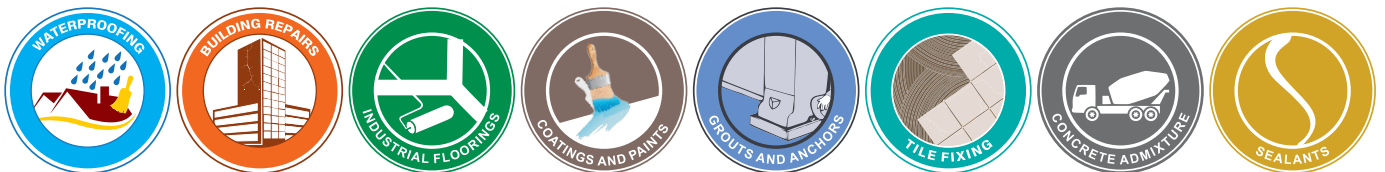
WARRANTY

Whilst all reasonable precaution has been considered in compiling technical data on our products, all recommendations or suggestions, regarding the use of such products are made without guarantee since the conditions of use are beyond our control.

Acrocote 2K



Other Products Categories available:



WATERPROOFING, REPAIRS, FLOORING, EXTERIOR COATINGS, WATER REPELLENT COATINGS, TILE FIXING, GROUTS, CONCRETE ADMIXTURES, ADHESIVES & SEALANTS, ETC.

For further information and terms of sale, please contact : The Technical Manager

