

ACROCRETE

Acrylic Polymer Modified Cementitious Waterproof Coating



DESCRIPTION

ACROCRETE is a modified acrylic polymer based unique waterproof protective cementitious coating system for cement or cement mortar where conventional system of waterproofing has proved to be a failure.

USES

This high quality polymer modified system is very useful in the following areas:

- Waterproof and damp-proof coating in the form of cement slurry/cement mortar.
- Protective layer for cementitious surfaces.
- Concrete repair as a patching and repair mortar.
- As bonding agent for mortar, renderings and floor screeds.
- Tough and hardwearing surfaces with waterproofing on stair treads, drains, and sewage treatment plants.
- To produce high strength polymer floor topping and thin section screeds.
- To improve adhesion of renderings to insulation boards & materials.
- To produce mortars/slurry coatings more resistant to chemical attack.
- To inject into cracks and fissures in the form of cement slurry.

ADVANTAGES

- Highly waterproof system.
- Excellent adhesion properties to most building materials.
- Excellent water resistance.
- Improved resistance to abrasion and chemical attack.
- Highly durable against ultraviolet light.
- Non-corrosive to steel & Non-inflammable.
- Allows the concrete to breathe.
- Hardened film and mortar is resilient.

PROPERTIES

Colour	: Bluish white liquid.
Bond strength on sand blasted concrete	: Exceeds much above 2 times. The normal cement slurry and mortar under identical workability & curing.
Bond strength on sand blasted steel	: Exceeds much above 3 times. The normal cement slurry and mortar under identical workability & curing.
Waterproofing	: 10 times higher than the cement slurry and mortar under identical workability and curing.

GUIDELINES FOR CONSUMPTION / COVERING CAPACITY

Type of System	Cement (Kg)	Sand (Kg)	Acrocrete (Kg)	Typical Yield (Litre)	Typical Coverage in m ²
Bond coat	1.50	1.50 (Fine sand)	1	2	1-1.5 m ² / coat
Cement slurry as waterproof	1.90	—	1	1.5	2-2.5 m ² / 2 coats
Repair mortar within 12mm depth thickness	2.8	7 (Zone II)	1 + water	5.5	1.0 m ² / 5.5 mm thick layer
Adhesive mortar for tiles, slip bricks fixing etc.	3	6 (Zone IV)	1 + water	5	1.5 m ² / 3 mm thick bed
Heavy duty floor topping	3	5+1 part Acronite - RF	1 + water	5	0.5 m ² / 8 mm thick bed
Quick setting mortar during winter work for rapid repair/tile fixing	3.0	6 (Zone IV)	1 + water	5	1.5 m ² / 3 mm thick bed

SHELF LIFE

1 year in unopened containers.

PACKING

Available in 1 Kg, 5 Kg, 10 Kg, 20 Kg, 50 Kg and 200 Kg.

APPLICATION

Surface Preparation

The surface must be sound, clean and free from oils, grease or other surface contaminants before proceeding application of **ACROCRETE**. Any loose materials, rust scale, dirt and laitance shall be invariably removed by any of the approved methods like scarifying, chiseling sand blasting, acid etching or scrubbing to get prepared surfaces for application of our polymer system. Dampening of cementitious surfaces is essential. In other words, saturated surface dry condition is ideal before application of any cementitious coating over absorbent substrate surface.

This system is ideal for use for waterproofing of roofs-toilets-terraces- basements, concrete repairs and protective layer for surfaces against carbonation, efflorescence, salt attack etc. Clean fine or Zone-IV sand and free flowing OPC or PPC shall be used for mortar. Such mortars shall be applied "wet on wet" coat basis. Minimum application temperature is 5°C. Curing after hrs is required as normally done for other cement materials. Simple moist curing will do. Cement Slurry shall be made with free-flowing or fresh cement like OPC, PPC or white cement. No air set lumps of Cement shall be used. For coloured coating, white cement + alkali resistant colourant may be used. Required colorants may be supplied from the

Acrocrete



20 Kg



10 Kg



5 Kg



1 Kg



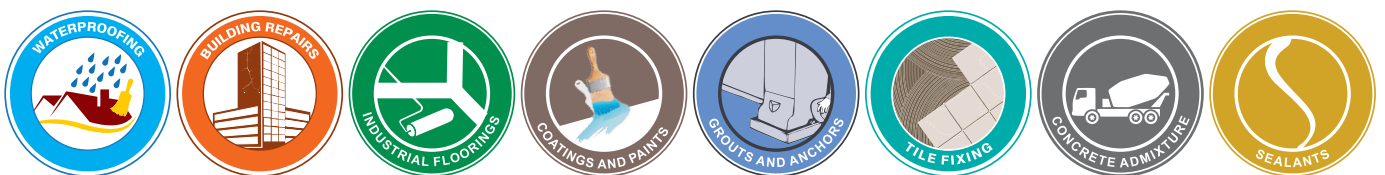
manufacturer on request. Freshly applied surfaces should be protected from rain and other adverse conditions. Rapid drying out of the coating shall be prevented. Traffic movement may generally be allowed after 24 hours of application. It is user's responsibility to check surface soundness properly using small hammer and to satisfy himself that the actual surface conditions of use are suitable.

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.



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



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