



CRETESTONE

CRETESTONE SP POOL COAT 2C

[Two Component Polymer Modified Cementitious Coating]

Description

CRETESTONE SP POOL COAT 2C two-component polymer modified cementitious coating is supplied in pre-packaged form and on drying forms an elastomeric impermeable membrane. The product is designed to be easily mixed on site using a slow speed drill fitted with a mixing paddle and then applied to the substrate using either brush, trowel or spray.

Uses

CRETESTONE SP POOL COAT 2C provides a cementitious, elastomeric waterproof coating with inherent crack-bridging ability. Typical applications include:

- Potable water retaining structures.
- Swimming Pools.
- Internal basement waterproofing.
- Drainage culverts.
- Wet areas: Kitchens, bathrooms, shower rooms
- Foundations in contact with ground water under saline conditions.
- Damp proofing for facades.

Advantages

- Withstands high positive and negative hydrostatic pressures
- Excellent crack accommodation before and after immersion
- Approved for use in contact with potable water
- Excellent bond to concrete and masonry
- Long working life
- Easy application by brush, trowel or spray

Technical Specs

Color	Grey / White
Mix density	1850 kg / m ³
Pot life at 28 [°] c	1 hour
Min. Application temperature	5 [°] c
Crack Bridgability	No cracking
Elongation at break	100 %
Resistance to positive Pressure [din 1048]	5 bar
Resistance to negative Pressure	3 bar

CRETESTONE PRIVATE LIMITED



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Direction for use

Preparation

All surfaces which are to receive the coating, must be free from oil, laitence, grease, wax, dirt or any other form of foreign matter which could affect adhesion. Typically, concrete surfaces can be cleaned using high pressure water jet or grit blasting. Spalled surfaces or those containing large blowholes, cracks and other such defects up to 10 mm depth, should be repaired using STONEGROUT GP 65. For further advice on suitable repair mortars for larger scale repairs, contact the local CRETESTONE representatives.

Mixing

The liquid polymer (5 kg) is poured from the plastic container into a plastic or metal drum having a volume of at least 20 Ltr. To this, the powder is gradually added (18 kg) whilst mixing with an approved spiral paddle attachment on a slow speed drill. Mixing is continued until a lump free slurry is obtained. This should take a minimum of 3 minutes and a maximum of 5 minutes.

Application

Pre-dampen the substrate surface with water. High porosity substrates will require more dampening than dense substrates. Any condensation should be removed using a sponge. Any running water should be stopped with QUICKPLUG L. When the concrete surface is damp, apply the material using a soft bristled brush (120 mm-200 mm wide) or trowel. The first coat should be applied at a minimum thickness of 1 mm (approximate coverage is 1.9 kg/m²) and should be well brushed into the surface. Finish in one direction for a neat appearance. If the brush begins to drag during application, do not add water to the material, but dampen the surface again. Application may also be made by roller, however it is recommended to finish the surface with a trowel for best results. The first coat should be allowed to cure for a minimum of 3 hours at 35°C and longer at lower temperatures prior to the application of second coat. The material should not be applied at temperatures below 5°C. All the mixed material should be used within 2 hours at 20°C or 1 hour at 35°C. The second coat should also be allowed to cure for 21 days at a minimum of 23°C

Disposal

Waste mixed material should be allowed to harden overnight then disposed of as non-hazardous waste.

Coverage

CRETESTONE SP POOL COAT 2C will cover appx. 11 – 12 sqmt /per pack / per coat at 1mm thickness.

Packing

5 Kg + 18 Kg Pack

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Storage

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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