

Deco Proof

Acrylic Modified Cementitious Waterproof Coating

DESCRIPTION:

Deco Proof a two component acrylic modified cementitious coating supplied in ready to mix kits.

Deco Proof can be simply applied by stiff brush, roller, spray or trowel to obtain the desired texture.

USES:

To protect atmospherically exposed concrete structure from attack by acid gases, chloride ions, oxygen and water. The product is also suitable to protect other cementitious substrates and masonry. It is suitable for use on all types of structures, including those in coastal environments. It is equally suitable for new and existing structures. The product is designed to re-face and even out variations in concrete and masonry surfaces and bridge shrinkage cracks. It provides a seamless, flexible waterproof coating suitable for water tanks, reservoirs and roots. The product provides a tough durable wear resistant coating which can withstand light pedestrian traffic.

ADVANTAGES:

- Excellent water proofing in both negative and positive pressure.
- Allows water vapor to escape from the structure (breathable).
- Minimum surface preparation needed and low labor costs.
- Nontoxic ideal for potable water tanks.
- Flexible with thermal expansion similar to concrete.
- Covers honeycombed and pitted poured concrete effectively.
- Excellent weather resistance for exterior applications and provides a decorative finish.

APPLICATION:

Preparation:

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, laitance and all traces of mould release oils and curing compounds. This is best achieved by lightly grit-blasting the surface. Where moss, algae or similar

growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process.

It is essential that all surfaces to be treated be pre-soaked with clean water prior to the application of Deco Proof.

Mixing:

For brush application consistencies mix with a propeller agitator attached to a slow speed drill (500 rpm.). The powder component should be added gradually to the liquid to avoid lump formation and mixed for 2 to 4 minutes. Deco Proof should be immediately used after mixing. Do not mix more material than can be used within the pot life. Keep mixing Deco Proof during the application.

Application:

For best results, surface should be moist before applying Deco Proof to obtain the maximum penetrating into opened bores at the surface, by using a soft brush Deco Proof first coat can be applied to the surface and after 6 hours second coat should be placed in the opposite brush directions of the first one to ensure that the surface is completely covered with even coat of Deco Proof.

Curing:

After 24hrs from applying Deco Proof to the surface, cure it with potable water twice a day for 72 hours, so the product get full strength obtaining maximum effect required.

PACKING:

18 Kg powder
5 kg liquid

TECHNICAL DATA:

Dry Component-A	
Apperance	Powder (asbestos free)
Colors	Gray
Bulk Density	1.4 kg/cm ³

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Application Condition	Total coating Thickness (mm)	Application rate (Kg/m ²)	Apprx.Yield per unit (m ²)
Foot traffic/Balconies/Damp proofing (up to 2 ft water head)	1.5	3.0	11.6
Positive Side Waterproofing (>2 ft water head), under tiles, plaza decks	2.4	4.5	7.8
Negative Side Waterproofing	2.7	5.40	6.5

All above values theoretical. Variations may apply due to substrate conditions or conversion factors.

Liquid Component-B	
Apperance	Liquid
Colors	White
Density at 20°C	1.05 kg/L
PH-value	7.5

Wet mix	
Color	Cement
Density of wet mix	1.8 kg/cm ³

Hardened	
Color	Cement
Shore hardness	> A 90
Permeability	No measurable leakage (CRD-C 48-92 at up to 140m)
Crack Bridging Capacity	1.5 mm
Adhesion to concrete	(ASTM C-297 modified) 1.0 MPa @ 7 d 1.5 MPa @ 28 d
Tear resistance	1.3 MPa
Water Vapor Diffusion	~1.2 perms (ASTM E96)
Pot life	Approx.45minutes@25°C

SERVICES:

For further information on this product together with advice on application, please contact the Technical Advisory Department.

WARRANTY (DISCLAIMER):

Decorete® fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case Decorete®'s responsibility shall not exceed either the refund of the purchase

KEEP OUT OF REACH OF CHILDREN