

Product Description

La BrushCote is a two component acrylic polymer reinforced cementitious waterproofing membrane coating system which consists of La BrushCote powder and La BrushCote acrylic emulsion. It requires only the addition of water on site and when mixed in the proper proportions, an easily brushable coating is produced. La BrushCote can simply be applied by a stiff brush, or trowel to obtain the desired thickness. La BrushCote powder consists of specially selected cements, graded hard-wearing aggregates and additives supplied in powder and La BrushCote liquid component of blended acrylic co-polymers. The polymer provides exceptional adhesion, toughness and durability.

Uses

La BrushCote provides a seamless, waterproof coating suitable for use in water tanks, reservoirs, swimming pools, roofs and to ensure water tightness. La BrushCote effectively protects against concrete decay providing a long lasting barrier to water-borne corrosive salts and atmospheric gases.

La BrushCote is designed to re-face and even out variations in concrete and masonry surfaces.

La BrushCote effectively seals concrete masonry walls and bridges the shrinkage cracks which are static. La BrushCote provides a tough and durable coating which cannot be easily damaged or worn away.

Advantages

- Minimum surface preparation needed - Low labour costs Applied directly to the damp concrete and masonry
- Excellent adhesion - Bonds to porous & non-porous surfaces
- Non-toxic-ideal for potable water tanks
- Waterproof - Excellent for damp-proofing basements
- Breathable-allows transmission of water vapour from interior of building
- Excellent for concrete roof, leaking brick and masonry walls
- Good resistance to Carbon dioxide and Chloride-ion diffusion

Technical Properties

Specific Gravity	1.7g/cc
Pot life at 20°C	45 - 60 minutes
at 35°C	15 - 20 minutes
Mixed Density	1.8±0.1g/cc (brushable Consistency)
Tensile strength (ASTM D 638)	2N/mm ² (at 1.5mm thickness)
Colours	Grey and white
Application temperature	Not less than 10°C
Toxicity	Non-toxic
Adhesion to concrete	>1N/mm ²

Application Instructions

Preparation

All the surfaces which are to receive La BrushCote, must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion.

Priming

To further improve waterproofing and bonding properties on porous substrates, we recommend La BrushSeal, a penetrating water repelling acrylic primer. La BrushSeal which ensures proper adhesion of all brushable elastomeric membrane when waterproofing is done on porous substrates. It also acts as a bond layer between elastomeric coating and substrate.

The surfaces to be primed must be dried before treating with La BrushSeal.

Mixing

La BrushCote polymer, 5kg liquid is poured into a plastic or metal drum. To this 4 litres of clean fresh water is added, for brush application consistency. Then mixing is started with a slow speed drill (350-450 rpm). The powder component, 20kg is added gradually to the liquid avoiding lump formation and mixed for 2-4 minutes. Mix and use. More material should not be mixed than can be used within pot life. Re tempering with water should not be done. Keep on stirring during application.

Mixing Ratio

Components	Ind. Pack
La BrushCote Powder	20kg
La BrushCote Polymer	5kg
Water	4Litre

For best results moisten the surface before coating with La BrushCote. Apply the mixed material using a short, stiff bristle brush preferably 100 to 150mm width like a paint. Trowel applications can be undertaken as necessary using the correct mixing ratio to obtain satisfactory consistency.

La BrushCote shall be applied in two coats to achieve 1mm thickness. The second coat of La BrushCote shall applied as soon as the first coat has reached touch dry state.

On hot substrates, i.e., over 40°C surface temperature, a primer coat of mixed La BrushCote and water with a slurry like consistency should be applied. Prime only areas that can be coated with La BrushCote before the primer dries. Material should not be applied at temperatures below 10°C.

To further improve elongation at failure and crack-bridging on horizontal surfaces, we recommend sandwich layer of non-woven macro-holed polypropylene fabric on the first coat of freshly laid La BrushCote using flat-bladed trowel to make sure that it is perfectly buttered. Apply second coat of La BrushCote to cover the fabric and smooth over the surface using flat-bladed trowel.

Average drying time is 4 to 6 hours at normal temperatures.

Subsequent Finishes

La BrushCote provides an aesthetically pleasing surface finish texture depending on the method of application, and does not normally require any further surface finishes.

La BrushCote is however compatible with most forms of subsequent coatings.

Cleaning

La BrushCote should be removed from tools and equipment immediately after use with clean water. Hardened material can be removed mechanically.

Coverage

This depends on the required consistency. The approximate coverage per pack at even consistency is as follows:

Consistency	Brush Application
Coverage in m ² (20kg + 5kgs pack)	15- 17m ²

Allowances should be made for any possible wastages when estimating.

Packaging

Part A - La BrushCote Powder 20kg (Industrial Pack).

Part B - La BrushCote Polymer 5kg.

Shelf Life

The Powder component may be stored for upto 12months when contained in its original sealed packing.

The Liquid component may be conserved for upto 18months when contained in its original sealed packing.

Store La BrushCote material in a Dry Place.

Health & Safety

La BrushCote system is non-toxic but alkaline in nature. Gloves and goggles should be worn while handling. Any splashes on the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought.

Precautions & Limitations

La BrushCote is non-toxic but it is alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. Should use a dust mask while handling the powder.

Fire

La BrushCote system is non-flammable

Important: La Greens India Pvt. Ltd., products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, La Greens India does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



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