

Product Description

La BerryCote SW100 is a two component epoxy resin based coating that provides excellent chemical and abrasion resistance.

Product is specially formulated to provide a durable coating suitable for application to both vertical and horizontal surfaces of sewage treatment plants.

Uses

Provides protection to concrete structures against corrosion from aggressive environments. Suitable for tanks above ground or in totally submerged conditions such as pipelines. Particularly useful in sewage treatment plants in commercial and residential buildings.

Advantages

- Excellent resistance to all types of domestic sewage water
- Easily applied by brush or spray
- Provides long term corrosion protection
- No priming necessary on dry surface
- Chemical and abrasion resistant
- Economic and versatile product

Technical Properties

La BerryCote SW100	20°C	35°C
Pot-life	2 hrs	1 ½ hrs
Initial hardness	24 hrs	16 hrs
Full cure	7 days	5 days
Below 20°C these times will be increased.		
Specific gravity / Mixed density	1.40±0.1 g/cc	
Wet film thickness	200 microns	
Dry film thickness	200 microns	
No of Coats	2 (minimum)	
Adhesive bond strength to Concrete /steel	>1N/mm ²	
Interval between coats shall be 6 - 24 hours		

Chemical Resistance

La BerryCote SW100 has been tested for resistance to a comprehensive range of various chemicals and types of water, commonly encountered in individual locations. Tests were performed by constant immersion for 3 months at 30°C in the selected chemical solution. The fully cured coat is resistant to the attack of:

Sewage water	Effluent water
Atmosphere conditions	Exhaust and sewage gases
Salt solutions	Many organic solvents
Diluted mineral acids & alkalis	
Vegetable and mineral oils & fats	
Barnacles and organic growths	

However at elevated temperatures or where mixtures of chemicals are involved then the effects may be different than those found in laboratory tests described above.

Specification Clauses

Protective Surface Coating

The protective coating shall be La BerryCote SW100, a chemically resistant pre-packed, two part solvented, epoxy coating. The cured film shall be tough and abrasion resistant. It shall be applied on the dry concrete surfaces.

Application Instructions

Preparation

Surface to be coated must be structurally sound, dry and free from loose material. All surface contamination must be removed. Grease and oil should be grit blasted or water jetted. Deeper penetration must be removed by mechanical means. Any laitance must be removed from concrete surface by etching with suitable rust removing agent and then wash off and allow to dry. New concrete should be allowed to cure for at least 28 days prior to priming. It is essential that La BerryCote SW100 is applied to sound clean, dry substrates in order to achieve maximum adhesion between the coating and substrate.

Mixing

Before mixing, the contents of each can should be thoroughly stirred to disperse any settlement which may have taken place during storage.

The entire contents of the hardener can should be poured into the base container and the materials should be thoroughly mixed for at least 3 minutes. Mechanical mixing using a slow speed (300 - 500 RPM) flame proof or air driven drill fitted with a mixing paddle is recommended.

LA BerryCote SW100 | Two component Epoxy coating system for concrete protection against sewage water

Coating

The mixed La BerryCote SW100 shall be applied to the dry, prepared substrate making sure a continuous film is achieved using a standard paint brush, good quality lambswool roller or spray equipment. The optimum dry film thickness of 100 microns is achieved in two coats.

Interval between coats shall be 6 - 24 hours. The coating drying time may vary depending on the atmospheric temperature and humidity.

Temperature Limitations

Minimum application temperature : 15°C
At temperatures below 15°C and above 40°C.

Package

La BerryCote SW100 : 6 kg Pack
(Part A : Base - 4kg)
(Part B : Hardener - 2kg)

Coverage

La BerryCote SW100 Covers 9-10m²/6kg pack at 400 microns thickness in 2 coats.

The coverage figure is theoretical - due to wastage factors and the variety and nature of substrates, practical coverage figures may be substantially reduced.

Shelf Life

12 Months if stored in an unopened condition below 35°C.

Health & Safety

Contact with skin and eyes shall be avoided. Contamination with skin and eyes should be washed with water. Prolonged inhalation of the vapour should be avoided and adequate ventilation be ensured.

Fire

La BerryCote SW100 is flammable. Adequate ventilation to be ensured when using primers and solvents and do not use near a naked flame.

Flash Point

La BerryCote SW100 : 25°C

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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