

NEROLAC PERMA BITUBLACK

GENERAL INFORMATION:

Nerolac Perma Bitublack is a waterbased emulsified bitumen protective coating. The coating dries to form a black flexible protective film. The finished film forms a tough barrier to vapor transmission.

FEATURES

- Fights the attack of salts like chlorides & sulphates that are present in the soil
- Resists low temperature cracking & breaks due to strong sunlight
- Non-flammable
- Easy to apply
- Cold applied
- Adheres to concrete
- Can be applied in closed or confined spaces
- Water-based

AREA OF APPLICATION

- Waterproofing leaky walls / surfaces or places where heating of bitumen is not desirable or prohibited.
- This product is specially formulated to provide damp proofing for below ground concrete structures which are above the water table.
- The coating is also used as a moisture vapor barrier on block works and concrete surfaces prior to cladding. This can also be used as the protective coating for built-up roofing systems along with fabric.

METHOD OF APPLICATION

The application temperature should be between 5°C to 55°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of Nerolac Perma Bitublack bitumen coating is as follows:

Surface Preparation - The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease.

All surface cracks, imperfections and loose particles are to be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable repair mortar or polymer modified mortar.

Priming - Primer is always recommended prior to coating as it not only penetrates into the concrete pores and seals the substrate. It also acts as an adhesion promoter for further coatings. The primer coat can be made in the site by diluting Nerolac Perma Bitublack with 20% water. The primer may be applied by a brush, roller or airless spray. Allow the primer to dry before any further coats are applied.

Application - Stir the contents of the drum thoroughly prior to application to remove any deposit. The application can be done with a roller, brush or airless spray. Apply the coating at a coverage rate of 1-4 m²/L/ coat, depending on the dry film thickness required.

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perpendicular to the 1st coat. When the emulsion has set in, spread coarse sand or crushed stone chips over the surface.

TECHNICAL DATA

TEST PARAMETER	PROPERTIES
Foam	Thick viscous liquid
Colour	Brown to chocolate
Density (g/cc)	1.02 / ± .02
Solid Content (%)	35 ± 5%
Application Temp, (°C)	5 - 55
Service Temp (°C)	-5 to 75
Firm set (hrs)	24
Coverage (kg / m2)	On metal surface: 0.4 On concrete surface: 0.5
Dry film thickness	On metal surface: 120 microns On concrete surface: 80 microns

THEORETICAL COVERAGE

When applied at 4m²/L/ coat, the dry film thickness achieved will be 125 microns. Further coats shall be applied only after the previous coat dries off completely.

*Coverage may vary depending upon the texture and porosity of the surface

SAFETY PRECAUTIONS

Protective clothing such as gloves and goggles should be worn when handling the product.

Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidental swallowed, do not induce vomiting, but call for medical assistance immediately. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

STORAGE AND SHELF LIFE

Keep in cool and dry place, in air tight container, under shed, away from heat.

SHELF LIFE

The shelf life is up to 12 months in original unopened sealed container when stored in a covered area, away from direct sunlight, UV and other sources of heat.

PACKING

20 kg and 4 kg HDPE containers

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Disclaimer:

We compiled this data sheet with care, but it's up to the customer to verify that the product fits their specific application and operating conditions. Because our products are used with many different materials and under varied circumstances, we can't guarantee results or assume liability for any damage that may occur; our service team is happy to advise. Nerolac may update specifications without prior notice.