

NEROLAC

PERMA

BITU COAT

Modified waterbased anionic bitumen emulsion.

DESCRIPTION

Bitu Coat is a dark brown liquid, which turns black upon drying. It is used in waterproofing and protection of subsoil structures from termites, chloride and sulphate attack.

APPLICATION

- Bitu Coat is used for waterproofing all types of RCC, brickbat coba, asbestos cement sheets and zinc/aluminium sheets etc.
- Bitu Coat can be used for repairing the damaged bitumen felts, cracked stoneware drainage pipes.
- As a damp proof course applied under the first layer of bricks or block work in the masonry.
- As a water-proof coating externally applied on the basement walls, footings etc before back filling.
- As an anti corrosive and anti-termite coating in all subsoil structures before back filling.
- As a crack filler and waterproof repair coating on brickbat coba and on concrete roofs.

ADVANTAGES



Bitu Coat is water based and hence not messy like conventional bituminous products.



Bitu Coat has high PH and hence more compatible with concrete.



No cleaning solvents are required and can be washed off with water when it is still wet.



Single component and easily brush applied.



Can be used on wet surfaces and during rainy season.

DIRECTIONS FOR USE

Bitu Coat Primer:

Mix one volume of Bitu Coat with four Volumes of water. One litre Bitu Coat can prime 41.8 m² of area

Bitu Coat Putty:

Mix one volume of Bitu Coat with two volumes of quartz powder or silica flour.

Bitu Coat Mortar:

Mix one volume of Bitu Coat with three volumes of dry natural sand. One litre Bitu Coat yields two litres of mortar.

Waterproofing normal concrete and brick bat coba:

Clean the surface to remove all loose particles. Cracks if any on the surface can be suitably widened. Prime the widened cracks and fill them with Bitu Coat Putty. If there are depressions and pot holes then prime the depressions with one coat of Bitu Coat and fill and level the depressions and pot holes with Bitu Coat Mortar. Brush apply Bitu Coat on entire surface in two or three coats. Provide fibre glass of scrim fabric at junctions of vertical and horizontal surfaces.

Repairing damaged bituminous felts:

Cut to widen the cracks and cut out the de-bonded felt. Prime and fill the cracks with Bitu Coat Putty and fill the de-bonded cut out areas with Bitu Coat Mortar. Brush apply Bitu Coat on the entire area in two coats.

Asbestos /Zinc /Aluminium Sheet roofing:

Provide scrim or fibre glass fabric at J. Bolts and junction of sheet over one coat of Bitu Coat and then apply Bitu Coat on the with brush entire surface in two to three coats.

Cracked drainage pipes:

Brush apply Bitu Coat on the cracked pipe. When the first coat is still wet wrap glass / scrim fabric around the pipe and apply second coat of Bitu Coat on the fabric.

Damp proof course:

On the cleaned plinth apply two coats of Bitu Coat. The second coat applied after about four hours of first coat. When the second coat is still wet, blind it with clean sharp sand to provide mechanical key.

Concealed water and drainage pipes:

It is a good idea to coat all concealed water and drainage pipes with Bitu Coat to protect concrete from damage due to leakages. Apply one coat of Bitu Coat on the pipe and wrap it with fibre mesh and apply second coat of Bitu Coat and back fill.

Subsoil Structures:

Subsoil structures though main load bearing, in majority of the cases are subjected to water pressure along with termites, chloride and sulphate attack. Hence before back filling all subsoil structures such as basement walls, footings etc should be coated with two coats of Bitu Coat before back filling.

Anti-termite treatment:

Coating of Bitu Coat applied on to the footings and columns up to ground level serves as highly effective anti-termite treatment. Most often when conventional anti-termite treatments fail, Bitu Coat gives permanent anti-termite protection. Two coats of Bitu Coat applied over Bitu Coat primer serves as very effective anti-termite treatment.

PROPERTIES

Form	: Dark Brown Liquid
Specific Gravity	: 1.03 gm/cc \pm at 25°C
Ph	: 10
Service Temperature	: -30°C to 80°C
Application Temperature	: +5°C to 50°C

COVERAGE

1 kg of Bitu Coat covers an area of 3.25 to 4.18 m² per coat depending upon the surface.

PACKING

Bitu Coat is available in 500 gms, 1 kg & 10 kg packs.

SHELF LIFE

Bitu Coat has a shelf life of 24 months if stored in manufacturer's original packing in a cool and dry place away from moisture and heat.

DISCLAIMER

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