



CHEMIX EMULSION WLL.
Bitumen emulsion provide an alternative
approach in which the bitumen is liquefied

CHEMIX PROOF PLUS

Description

Chemix Proof Plus is one component high quality rubber based rich bitumen emulsion that when applied, obtains a damp proof protective coating. It gives a continuous barrier to the passage of water and water vapor. It dries quickly and acts as a protective and curing material for all cementitious substrates, masonry, and brick walls.

Chemix Proof Plus could also be used as a primer and adhesive for a wide range of torch applied bituminous membranes, and for under cladding works for facades.

Chemix Proof Plus could also use as a curing compound for the concrete which is supposed to be buried (like foundation) if coated just after the final set of the concrete takes place, and thus **Chemix Proof Plus** gives a free cost save for its user.

Uses

Waterproofing for wet areas like balconies, terraces, toilets and kitchens.

Waterproofing for foundations and all underground works.

As a primer for all reinforced bituminous membrane isolation systems.

As a curing agent for underground concrete.

For all cladding works under marble and metal sections finishing.

Advantages

Good adhesion to most construction substrates.

Non Flammable.

Could be applied over green concrete and damp surfaces.

Asbestos free

Easy to apply, one component.

Fast drying.

Safe, as it is water based.

Economical, especially if used as a curing and damp proof agent in a time.

Resists chloride ion, and sulfates attack.

Standard Compliance

Chemix Proof Plus complies with the following ASTM standards
D 4479, D70

ASTM C309 Water retention requirement as a curing compound

Packaging

20 Kg pail & 200 Kg drums.



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Shelf life & Storage

12 months storage life if stored in its original unopened containers under shaded place in a temperature from 5oC to 45oC.

Properties

Form	Dark Brown Liquid
Drying film color	Black
Density kg/ltr @ 25oC	0.97±0.02
Bitumen Content, %	≥60
Rubber content %	≥10
Drying time min @ 25oC	45±5
Over coating time hrs @ 25oC	4±15 min
Coverage, m ² /kg 2	2.5

The DFT thickness is 310 mic@2m²/kg.
But this thickness is theoretical due to the expected absorption in concrete.

Application Instructions

Surface Preparation

The surface to be treated must be sound, clean and free from contamination such as oil and grease.

Application

Chemix Proof Plus should be stirred well before use. It is recommended to be applied by brush or roller for two coats (in case high build layer is required, more coats should be applied).

Chemix Proof Plus could be applied on damp and green concrete.