



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

Technical Data Sheet
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CHEMIX SB – 60

Solvent Based Water Proofing

Description

Chemix SB-60 is one component solvent 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 slowly and acts as a protective and curing material for all cementitious substrates, masonry, and brick walls.

Chemix SB-60 could also be used as a primer and adhesive for a wide range of bituminous membranes, and for under cladding works for facades.

Chemix SB-60 could also used 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 SB-60** gives a free cost save for its user.

Uses

Waterproofing for foundations and all underground works.

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

As a primer for all reinforced bituminous membrane isolation systems (excluding torch apply).

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.

Slow drying; good as an adhesive.

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

Resists chloride ion, and sulfates attack.

Standard Compliance

Chemix SB-60 complies with the following ASTM standards
D 4479, D70 ASTM C309 Water retention requirement as a curing compound



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Packaging

20 Kg pail & 200 Kg drums.

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	0.96±0.02
Bitumen Content, %	>65
Drying time hrs @ 25oC	12±15 min
Over coating time hrs @ 25oC	24
Coverage, m ² /kg	3 - 3.5

The DFT thickness is 230 mic@3m²/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 SB-60 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 SB-60 could be applied on damp and green concrete.

Cleaning

Chemix SB-60 can be removed from tools and equipments with water as long as it is wet.

Precautions

Health and Safety

Chemix SB-60 is non - hazardous. It should not be swallowed or allowed to come into direct contact with skin or eyes. Suitable protective goggles and gloves should be worn. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.