

Nafuflex Primer WB (Previously known as Dictagum Primer WB)

Bitumen emulsion coating

Product Properties

Nafuflex Primer WB is an emulsified thixotropic bitumen protective coating. The coating dries to form a black flexible protective film. The finished film forms a tough barrier to vapor transmission.

Areas of Application

Nafuflex Primer WB is used for providing dampproofing for below ground concrete structures which are above the water table. This can also be used as the protective coating for built-up roofing systems and other exposed surfaces. The coating is also used as a moisture vapor barrier on block works and concrete surfaces prior to cladding. Used as bitumen primer coat to improve surface bonding before applying torch-on waterproofing membrane from MC-Nafuplan 403 / 404 range.

Product Characteristics

- Resists the attack of salts like chlorides and sulphates that are present in the soil
- Easy to apply
- Cold applied
- Adheres to concrete, metal, wood, cork, etc.
- Can be applied in closed or confined spaces
- Water-based
- Non-flammable
- Versatile, anti-fungal and economical

Application Notes

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 bitumen coating as follows:

Surface preparation

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections and protrusions are to be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

Application

Stir the contents of the drum thoroughly prior to application to remove any sediment. The application can be done with a roller, brush or airless spray. Apply the coating at a coverage rate of 0.3-0.6kg/m²/coat, depending on the dry film thickness required. Further coats shall be applied only after the previous coat dries off completely. However, the coverage depends on the smoothness and porosity of the substrate and the required thickness of the coating.

Coverage

Theoretically coverage: 0.3kg-1.0kg/m²

As Primer prior to application of Torch on membrane
Diluted 50% of water apply at 0.3kg/m² depending on roughness and absorption of substrate.

Protection

The coating shall be protected from ongoing site activities and during backfilling from getting damaged by MC-Proof DPM 150, a 150-micron / 0.15mm thick polyethylene sheet.

Health and Safety

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 accidentally 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.

Technical Data for Nafuflex Primer WB

Characteristic	Unit	Value	Comments
Density	g/cm ³	1.0 – 1.05 ±	
Solid Content	%	47 - 55	ASTM D 2939
Firm Set	Hrs	4 – 6	ASTM D 2939
Application Temperature	°C	5 to 55	
Service Temperature	°C	-5 to 75	
Ash content	%	30	

*All tested & physical parameter values are subject to a 5-15% tolerance factor

Product Characteristics for Nafuflex Primer WB

Type of Membrane	Thick Viscous Liquid
Colour	Dark Brown
Form of Delivery	20 kg pail & 200 kg drum
Shelf-life & Storage	the drums and pails must be stored in a covered area, away from direct sunlight, UV and other sources of heat. the shelf life is up to 12 months when stored as per recommendations. Excessive exposure to sunlight, UV and other sources of heat will result in considerable deterioration of the product and reduce its shelf life.

Property specifications are based on laboratory tests and may vary in practical applications. To determine the individual technical suitability, trials should be carried out under the application conditions.

Safety Advice

Please take note of the safety information and advice given on the packaging labels and safety information sheets.

Note: Bespoke vendor supplies. The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

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