Nafuflex Aquamuls (Previously known as Dictaflex 100R)

Rubber bitumen waterproofing emulsion

Product Properties

- Water-based rubber modified bitumen emulsion
- Single component, ready-to-use
- Easy and seamless liquid application
- Non-sag thixotropic paste of brushing consistency
- Odourless and taint free
- Flexible and weathering resistance
- Resistance to water, alcohol, most salt solutions and mild acids and alkalis

Areas of Application

- Basements
- Earth covered roofs
- Lining of water tanks
- Floor and wall damp-proofing
- As binder for sand and aggregate mixes to provide flexible protective mastic or pavement

Approval / Standard

- SIRIM certified - Test method: BS 1881-122:1983 - Testing concrete. Method for Determination of Water Absorption.

Application

Substrate Preparation

The surface must be structurally sound and free from cement laitance, loose particles, dust, oil, grease and any other contaminants or old coatings which may affect the adhesion.

System Information:

Vertical Surfaces

For primer, dilute Nafuflex Aquamuls with 50% of water and apply at ~0.3kg/m^2. Wait for approx. 4 hours and ensure the coating is fully dried before applying the next coat of Nafuflex Aquamuls at 0.6kg/m^2. Protect with a layer of protection board before backfill of earth.

Horizontal Surfaces not Subjected to Traffic

For primer, dilute Nafuflex Aquamuls with 50% of water and apply at ~0.3kg/m^2. Wait for approx. 4 hours and ensure the coating is fully dried before applying the 1st coat of Nafuflex Aquamuls at 0.6kg/m^2. Then overlay with layer of MC-CSM 100 fibremesh reinforcement and finish with 2nd coat of Nafuflex Aquamuls at 0.6kg/m^2.

(Waiting time above is based on 30°C, 80% Relative Humidity)

All waiting time above must be observed in order for waterproofing system to function.

Application Methods

Nafuflex Aquamuls can be applied by brush, roller, squeegee, steel trowel or spray.

Cleaning

Clean all equipment, tools and hands with water immediately after use. When hardened, it can be removed by mechanical means.

Technical Data for Nafuflex Aquamuls

Characteristics	Unit	Value	Comments
Density	kg/l	1.00-1.05	at 30°C, ASTM D1475
Residue by Evaporation	%	47-55	by weight, ASTM D2939
Water Vapour Transmission	$g/h.m^2$	~ 1.1	ASTM E96, water method
Fire Resistance		Non-flammable No flame spread	Fresh/ wet Dry
Coverage	litre/m²	0.30 0.60	Primer (1part Nafuflex Aquamuls : 1 part water) per neat coat
Drying Time	hours	4	at 30°C, RH 80%, 0.6mm thick
Application Conditions	°C	0 – 50	

Product Characteristics for Nafuflex Aquamuls

Colour	Dark Brown (wet), Black (dry)
Packaging	20 kg and 200 kg
Storage	Can be stored in cool and dry conditions for **12 months** in original unopened packs, at temperature between 5°C – 40°C
Disposal	In the interest of the environment, please empty all containers completely & in accordance with local regulations.

Safety Advice

Please take notice 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 observe 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.

Edition 03/24. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.