

Nuproof

Waterproofing Coating

Description

Nuproof is a latex modified bitumen emulsion with in-built flexibility and excellent adhesion. It provides a tough durable film which waterproofs and protects most building surfaces.

Standard Compliance

ASTM D2939-03 & BS 3416; 1991 for Type 1, Class A.

Advantages

- Excellent adhesion and low permeability
- In-built flexibility
- Reduced susceptibility to extremes of temperature
- Tough film resistant to rupture during back filling

Applications

- Waterproof coating for bridge abutments prior to back filling
- As a damp-proof membrane under concrete and roof screeds
- As a damp-proof membrane for internal walls subject to rising damp
- Repairs to cracks in blacktop surfacing and concrete
- To waterproof and repair defective concrete and asphalt roofs

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| CE | |
| Nufins, Kingston House, 3 Walton Road, Pattinson North, District 15, Washington, Tyne & Wear. NE38 8QA 13 2797-CPR-594215 | |
| EN1504-2 Surface protection system for concrete coating | |
| Permeability to CO ₂ | S _D >50 m |
| Permeability to water vapour | Class 3 |
| Capillary absorption and permeability to water | <0.1kg/m ² .h ^{0.5} |

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| Colour | Black |
| Type | A blend of bitumen emulsion and rubber latex. |
| Touch dry | 3-6 hours |
| Viscosity | 6000 cps |
| S.G. at 20°C | 1.0 |
| Solids content | 50 % |
| Application temperature | 5-35°C |
| Coverage | 2m ² per litre per coat |
| Adhesion strength | Greater than cohesive strength |
| Elongation | >100 % |



Surface Preparation

All surfaces should be sound and free from dust, dirt and grease. Excessively dry porous surfaces should be dampened down to assist application and maintain the correct coverage.

When applied to green concrete, Nuproof will act as a curing membrane to assist hydration of the cement.

Application should not be carried out in frosty weather or when rain is expected.

Application Instructions

Application should be carried out with a water dampened soft brush. On hot, dry or absorbent substrates the surface should be dampened down or primed with Nuproof, diluted with 1: 5 water to Nuproof. Two coats of Nuproof should be applied, adhering to overcoating intervals.

Crack Repairs In Blacktop Or Concrete

Fine cracks may be repaired using Nuproof neat. Cracks up to 6mm may be filled using Nuproof mixed with a fine sand in a ratio of 2:1 by volume. Large cracks over 6mm should be filled with a similar mixture plus the addition of Portland cement. Repairs should be blinded with fine sand to facilitate early trafficking. Large repairs may need topping up after 24 hours.

Waterproofing Walls And Use As A Keying Treatment

Internal walls may be treated with Nuproof to provide a waterproof membrane and a key for subsequent plastering. Nuproof should be applied to the clean surface and allowed to dry, a second coat is then applied at right angles to the first coat and blinded with sharp sand whilst the coat is still wet. This coat should be allowed to dry for at least 24 hours before plastering.

Immediately after use all equipment should be washed in a solution of soap flakes and water (not detergent).

Brushes should be kept soaked between working periods and any excess water removed before use.

Packaging

Nuproof is available in 5, 25 and 200 litre containers.

Storage

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost.

Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Limitations

Work should not proceed in wet or frosty conditions or when rain is expected. Do not apply when the temperature is below 5°C.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical contacts are available to provide further information and arrange demonstrations.