
NURAFLUX/PREMSEAL PRIMER – TECHNICAL DATA SHEET

DESCRIPTION AND AREAS OF USE

Nuraflux Primer is a bitumen based adhesive solvent solution which is specifically formulated to provide excellent adhesion for Nuralite Waterproofing Membranes under many kinds of surface conditions. Nuraflux Primer is an integral part of the Nuralite Waterproofing System and sufficient primer must be used on dry surfaces to condition them to be dust free so that the substrate is suitable for the application of Nuralite Waterproofing Membranes.

Used to prime all structural concrete, masonry, or wood surfaces on which waterproofing membranes will be used.

Designed to be used on applications down to -4°C .

May be used on horizontal surfaces, but remains tacky, and precautions must be used in this application to prevent contamination of the Primer surface prior to installation of the membrane.

May be used on all concrete block and brick wall conditions.

APPLICATION

Nuraflux Primer may be applied with roller, brush or spray. A roller with a heavy nap should be used to carry sufficient material to the area being primed.

Apply all Nuraflux Primer to a clean, dry, dust free and frost free surface at a coverage of approximately 5 sqm/litre. The primer should be spread sufficiently to avoid areas of excess material. Areas of excess material will lengthen the drying time on the application of the primer.

Nuraflux Primer will dry in a minimum of one hour - may dry quicker due to drying conditions, such as wind and warmth.

This product is black in colour and will remain tacky when dry.

The application of primer should be limited to what can be covered with Waterproofing Membrane in one working day. Any areas not covered with membrane during the day must be reprimed - be sure to cover all open containers when not applying primer, as the primer is volatile.

SAFETY, STORAGE & HANDLING INFORMATION

Nuraflux Primer vapours are flammable. User should review Material Safety Data Sheet (MSDS) for this product and follow safety instructions listed therein.

TRANSPORT CLASSIFICATION

IMDG Class 3.1
UN No. 1294

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NURAPLY 3PB TECHNICAL DATA SHEET

DESCRIPTION AND AREAS OF USE

Waterproofing membrane consisting of straight run bitumen heavily modified with polymers (APP = Atactic Polypropylene) and reinforced with a non-woven polyester.

FINISHING

- Top surfaced finished with white calibrated sand
- Underside finished with a smooth thermofusible film

APPLICATIONS

- Underlay in multi layer waterproofing system

COMPOSITION

- Reinforcement : non-woven polyester 180 g/m²
- Coating mass : plastomer bitumen, consisting of ± 70 % bitumen and ± 30 % atactic polypropylene (APP).

TECHNICAL SPECIFICATIONS (average values)

- Tensile strength (U.E.A.t.c.)
 - longitudinal : 600 N
 - transversal : 550 N
- Elongation at break (U.E.A.t.c.)
 - longitudinal : 40 %
 - transversal : 40 %
- Resistance to heat (U.E.A.t.c.) : $> 140^{\circ}\text{C}$
- Low temperature flexibility (U.E.A.t.c.) : -5°C
- Dimensional stability : $\leq 0,5\%$
- Tear resistance (U.E.A.t.c.)
 - longitudinal : 160 N
 - transversal : 160 N

DIMENSIONS

- Thickness : 3 mm
- Length : 10 m
- Width : 1 m
- Surface : 10 m²
- Average weight : 41 kg

SAFETY, STORAGE & HANDLING INFORMATION

- Do not pile pallets
- Store indoors

TRANSPORT CLASSIFICATION

N/A

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NURAPLY 3PG TECHNICAL DATA SHEET

DESCRIPTION AND AREAS OF USE

Waterproofing root-resistant membrane, consisting of a non-woven polyester reinforcement, coated with plastomer bitumen. Root resistant top layer for waterproofing systems under green roofs with selected plants or in areas where there is the risk of membrane attack from plant roots.

FINISHING

- Top finished with sand
- Underside with a thermofusible film

APPLICATION

Lay the second NURAPLY 3PG layer by heat fusing over the cleaned repaired and NURAFLEX primed (if necessary) surface of the first layer. Joints in the second layer must not correspond with joints in the first layer. Second layer joints to be welded lap-joints, minimum 80mm wide down roll edges and minimum 100mm wide across roll ends, to the NURAPLY 3PG supplier's requirements. Roll junctions must be staggered to avoid 4 layer lap-weld build-up of NURAPLY 3P at corners. Ensure unobstructed drainage flow at outlets.

COMPOSITION

- carrier: non-woven polyester 180 g/m²
- plastomer bitumen, consisting of + 70% bitumen and + 30 % atactic polypropylene (APP), with addition of a root-rejecting element.

TECHNICAL SPECIFICATIONS (average values)

- Tensile strength: (UEAtc)
 - longitudinal: 700 N
 - transversal: 450 N
- Elongation at break (UEAtc)
 - longitudinal: 30 %
 - transversal: 40 %
- Low temperature flexibility: -8°C
- Heat resistance (EN 1110): 140 °C
- Dimensional stability (EN 1107-1): < 0,4%
- 4 year period FLL German root-test accomplished

DIMENSIONS

- Thickness : 4 mm
- Length : 7.5 m
- Width : 1 m
- Weight : 36.1 kg

SAFETY, STORAGE & HANDLING INFORMATION

- Do not pile pallets and keep rolls upright
- Store indoors

TRANSPORT CLASSIFICATION

N/A

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