
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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NURASEAL - TECHNICAL DATA SHEET

DESCRIPTION AND AREAS OF USE

ADHESIVE WATERPOOF MEMBRANE SHEETING

NURASEAL is a self-adhesive sheet membrane constructed from an oriented cross laminated high density polyethylene sheeting and a bitumen-polymer adhesive compound. The product is a tough, durable, self-adhesive sheet with an overall thickness of 1.5 mm.

DIMENSIONS

Backing Thickness	mm	0.10
Backing Type		HDPE
Adhesive Thickness	mm	1.40
Total Thickness	mm	1.50
Width	mm	1050
Length	m	19.05
Weight	kg/m ²	1.7
Carton Size	mm	260 x 260 x 1100
Carton Weight	kg	35

MECHANICAL PROPERTIES

Membrane Strength	ASTM D1000 N/mm	5.0
Elongation	ASTM D1000 %	300
Puncture Resistance	ASTM E154 N	230
Adhesion (180° Peel)	ASTM D1000 N/mm	4.0

FUNCTIONAL DATA

Water Vapour Transmission	ASTM E96 g/m ² /24h	0.30
Water Penetration % Joint	MOAT 27 5.1.4	Nil
Dimensional Stability	MOAT 27 5.1.6 % (80°C)	
Longitudinal		-0.1
Lateral		-0.2

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