

IKO HYLOAD TANKING MEMBRANE 1500SA

PRODUCT INFORMATION

IKO Hyload Tanking Membrane 1500SA is a post applied self-adhesive sheet material that comprises of a cross-laminated orientated HDPE coated with a highly adhesive polymer modified bitumen compound. The adhesive underside is protected by a wider paper removed during installation.

There are additional adhesive strips along edges uppermost to further enhance effective sealing; these are protected by strips that are also removed during installation.

Demarcations are provided on the HDPE side to aid alignment and to ensure minimum overlaps are achieved.

Product	Product Code
IKO Hyload Tanking Membrane 1500SA	30821500



USE

IKO Hyload Tanking Membrane 1500SA can be used as a fully bonded damp proofing membrane, and as a post applied tanking membrane for external below ground waterproofing applications. It is classified as a Type A Barrier Membrane that offers protection within a structural waterproofing system designed to be compliant with the guidance of BS8102:2022.

FEATURES & BENEFITS

Robust & Durable – the products combination of polymer modified bitumen on a polyethylene carrier makes it a tough and durable material choice.

Ease of Use – the product is cold applied and does not use specialist tanking equipment, making it a cost effective, low labour application.

Multi-Purpose – the product has multiple uses within the damp proofing and structural waterproofing arena.

COMPOSITION

Material:	HDPE/Bitumen
Form:	Roll
Colour:	Black
Thickness:	1.5mm
Roll Length:	20m
Roll Width:	1m

INSTALLATION

Membrane Bond:	Self-Adhesive
Lap Bond:	Self-Adhesive

For further information please refer the 'IKO Hyload SA Waterproofing System Guidance Document'

INDEPENDENT ACCREDITATION



2797-CPR-537587

The product carries a Declaration of Performance Certificate.

PERFORMANCE

	<u>Test</u>
<u>Thickness</u> 1.5 mm	EN 1849-1
<u>Tensile Strength</u> Long. 215 N/50 mm Trans. 220 N/50 mm	EN 12311-1
<u>Elongation at Break</u> Long. 310 % Trans. 240 %	EN 12311-1
<u>Impact Resistance</u> Met. A 500 mm Met. B 1000 mm	EN 12691
<u>Static Load Resistance</u> Met. A 10 Kg Met. B 15 Kg	EN 12730
<u>Tear Resistance</u> Long. 135 N Trans. 135 N	EN 12310-1
<u>Peel Resistance of Joints</u> 100 N/50 mm	EN 12316-1
<u>Shear Resistance of Joints</u> Long. 350 N/50 mm Trans. 350 N/50 mm	EN 12317-1
<u>Peel Adhesion</u> (on Concrete at 23°C) 3 N/mm	ASTM D 1000
<u>Probe Tack</u> 7 N	ASTM D 2979
<u>Watertightness</u> Pass at 60 Kpa of water (24 hours)	EN 1928 (Method A)
<u>Watertightness</u> Pass at 6 bar of water (24 hours)	EN 1928 (Method B)
<u>Vapour Transmission Rate</u> 90000 µ	EN 1931
<u>Water Absorption</u> 0.09 %	ASTM D 570
<u>Permeability to Radon Gas</u> 5.7 x 10 ⁻¹² m ² /s	SP Swedish Nat. Testing & Research Institute
<u>Permeability to Methane Gas</u> < 5 cc/m ² x 24h x atm	CSI Method
<u>Application Temperature</u> 0 °C * / + 30 °C	

Service Temperature

- 30 °C / + 80 °C

TEST

Complying with:

EN 13969 types A and T; EN 14967; EN13707

Total Volatile Organic Compound emissions (TVOC)

8 µg/m³ ISO 16000-6

Classification for transport

Not Applicable

Reaction to fire

E EN 13501 - 1

DURABILITY

The membrane, when fully protected and subjected to normal service conditions, will provide an effective barrier to the transmission of liquid water and water vapour for the life of the structure in which it is incorporated.

DISCLAIMER

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