AquaBarrier™ VP

SELF-ADHERING VAPOUR PERMEABLE MEMBRANE

STOCK# : **7850055, 7850094**

ROLLS PER PALLET: **56**

PALLET SIZE:

132 cm x 112 cm (52 in x 44 in)

LENGTH: **30.5 m (100 ft)**

WIDTH:

7850055 - 0.95 m (37.5 in)

7850094 - 0.46 m (18 in)

THICKNESS: **0.4 mm (0.016 in)**

AREA:

7850055 - 29 m² (312.5 ft²)

7850094 - 14 m² (150.7 ft²)

LINES:

76 mm (3 in), 800 mm (31.5 in)

AREA WEIGHT: **0.176 kg/m² (0.036 lb/ft²)**

Note: All reported values are nominal.

Diffuses vapour, allowing walls to drain and substrates to dry.

Meets or exceeds competitive market standards for commercial air and weather barriers.

- FULLY ADHERES TO SUBSTRATES

IKO COMMERCIAL®

Specify *with* Confidence.

Versatile, mold resistant, primerless, and easy to install, let the IKO AquaBarrier VP self-adhering vapour permeable membrane go to work for your next building envelope project.

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Self-Adhering

IKO AquaBarrier VP is a self-adhering, primerless vapour permeable membrane, providing superior performance in wall assemblies where a vapour permeable, water resistive air barrier is required.

Versatile Application

Due to the vapour permeable matrix of AquaBarrier VP, it is readily compatible and may be applied to most common substrates such as gypsum, OSB, concrete, CMU and plywood. The product is designed for numerous applications such as masonry cavity walls, metal cladding systems, siding applications, renovations and retrofits, curtain walls and parapets.

Mold Resistant

AquaBarrier VP is a polypropylene composite with low water retention capacity and is therefore mold- and mildew-resistant.

Easy to Install

Coated with a proprietary acrylic adhesive on the back surface, the product offers excellent performance for common wall applications and has an easily removed polyester release film. No mechanical attachments or primer is required in the application of AquaBarrier VP. The lightweight design of the membrane makes it easy to install, and it can be left exposed to UV for up to 180 days[1]. For proper adhesion of the VP membrane to substrates, pressure rolling method must be used.

[1]This product is not designed for continuous UV expsoure. It should be covered as soon as practicable within construction scheduling.

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All local health and safety rules and precautions should be followed when working with IKO products. See also Safety Data Sheet SDS #1174. Good building practices include ensuring the application surface is adequately prepared for the adhesion of the product prior to installation.

For further details, please refer to the IKO Installation Guidelines at https://www.iko.com/comm/.

CHARACTERISTICS	UNITS	NOMINAL VALUE	TEST METHOD
Tensile Strength (MD/XD):	kN/m (lbf/in)	4.1 / 3.9 (23.5 / 22.1)	ASTM D5147
Ultimate Elongation (MD/XD):	%	137.5 / 83.3	ASTM D5147
Break Strength (MD/XD):	MPa	30 / 15	CAN/CGSB 51.32 M89
Cold Bending at -30 °C (-22 °F):	—	Pass	CAN/CGSB 51.32 M89
Adhesion to Stainless Steel:	N/m (lbf/in)	707 (4.0)	ASTM D903
Adhesion to Plywood:	N/m (lbf/in)	494 (2.8)	ASTM D3330-F
Nail Sealability:	—	Pass	ASTM D1970
Thermal Stability[2] (14 d. at 130 °C (266 °F)):	—	Pass	ASTM D1970 (Modified)
Water Vapour Permeance:	Ng/Pa·s·m² (Perms)	1362.2 (23.8) 1266.8 (22.1)	ASTM E 96 A ASTM E 96 B
Hydrostatic Pressure Resistance:	—	Pass	AATCC 127-08
Air Permeance:	L/s·m²	Pass (≤ 0.02)	ASTM E2178
Air Leakage:	—	Pass	ASTM E2357
Air Leakage Rate Classification:	—	A1	CAN/ULC-S742
Flame Spread Index (FSI):	—	Class 1	ASTM E84
Smoke Developed (SD):	—	Class 1	ASTM E84
Service Temperature Range:	°C (°F)	-40 to +82 (-40 to 180)	—
Application Temperature Range:	°C (°F)	-20 to +40 (-4 to 104)[1]	—
Maximum UV Exposure Time[3]:	days	180	ASTM G154

[1]Substrate must be clean and free from dirt, oils, moisture and frost for proper adhesion. [2]As adhered to either glass-faced gypsum board or plywood. [3]This product is not designed for continuous UV expsoure. It should be covered as soon as practicable within construction scheduling. The information on this sheet is based on data considered to be true and accurate based on periodic internal testing and production measurements at time of manufacture. The information is offered solely for the user's consideration, investigation and verification. Nothing contained herein constitutes or represents a warranty or guarantee for which the manufacturer can be held legally responsible.

7850055
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