

# AquaBarrier™ AVB

AIR & VAPOUR BARRIER

STOCK# STANDARD: 7850053,

7850054, 7850121

LOW TEMPERATURE: 7860053

7860054, 7860121

ROLLS PER PALLET:

7850053/7860053 - 914 mm (36 in) - 30

7850054/7860054 - 457 mm (18 in) - 25

7850121/7860121 - 600 mm (24 in) - 50

PALLET SIZE:

7850053/7860053 - 132 cm x 111 cm

(52 in x 44 in)

7850054/7860054 - 119 cm x 119 cm

(47 in x 47 in)

7850121/7860121 - 119 cm x 119 cm

(47 in x 47 in)

LENGTH: 22.89 m (75 ft)

WIDTH:

7850053 - 914 mm (36 in)

7850054 - 457 mm (18 in)

7850121 - 600 mm (24 in)

THICKNESS: 1 mm (40 mils)

AREA WEIGHT: 1.17 kg/m<sup>2</sup> (0.24 lb/ft<sup>2</sup>)

Note: All reported values are nominal.



- SELF-ADHERING
- WINTER AND SUMMER GRADE



# IKO® COMMERCIAL



For extra protection, let IKO AquaBarrier AVB Air & Vapour Barrier go to work for your next commercial building project.

## AquaBarrier™ AVB

AIR & VAPOUR BARRIER

### Self-Adhering

AquaBarrier AVB is a self-adhering non-permeable membrane providing superior performance in wall assemblies where an air and vapour barrier is required.

### Versatile

AquaBarrier AVB membranes are available in both standard and low temperature grades in a variety of roll sizes and can be applied to all common substrates (gypsum, OSB, concrete, CMU, plywood) for numerous applications (such as masonry cavity walls, metal cladding systems, curtain walls, and parapets).

### Reinforced for Extra Durability

AquaBarrier AVB is manufactured by integrally bonding SBS modified asphalt to a high density, cross-laminated woven polyethylene film. The backing surface is an easily removed silicone release paper.

### Provides Extra Protection

AquaBarrier AVB provides an effective barrier to moisture vapour transmission and air leakage when installed according to IKO specifications and used with S.A.M. or S.A.M LVC Adhesive. The IKO AquaBarrier line includes tape and mastic products for specialized detail areas.



All local health and safety rules and precautions should be followed when working with IKO products. See also Material Information Sheet MIS #1201. 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."

ISO 9001 – 2008 REGISTERED FACILITY

CHARACTERISTICS	UNITS	NOMINAL VALUE	TEST METHOD
Tensile Strength (MD/XD)	kN/m (psi)	7 / 6 (37 / 34)	ASTM D412
Ultimate Elongation (MD/XD)	%	>65 / >65	ASTM D412
Ultimate Elongation Of Bitumen (MD/XD)	%	>200 / >200	ASTM D5147
Flexibility At Cold Temperature	°C (°F)	-30 (-22)	ASTM D5147
Static Puncture	N (lbf)	150 (33.72)	CGSB-56.37M
Tear Resistance (MD/XD)	N (lbf)	177 / 160 (40 / 36)	ASTM D5147
Lap Adhesion	N/m (lbf/in)	2153 (12.3)	ASTM D1876
Adhesion To	N/m (lbf.in)	>1505 (>8)	ASTM D903
Thermal Stability @ 70°C	mm (in)	<3 (<0.1)	ASTM D1970
Water Absorption	% wt./wt.	<0.25	ASTM D1970
Waterproof Integrity At Seam	–	☑	ASTM 1970
Air Permeability, 75 Pa	L/s·m <sup>2</sup>	<0.02	ASTM E2178
Water Vapour Transmission Rate (WVTR)	Ng/Pa·s·m <sup>2</sup> (Perms)	<2.6 (<0.05)	ASTM E96 (Method B)
Air Leakage Resistance	–	☑	ASTM E2357
Air Leakage Rate Classification	–	A1	CAN/ULC S742
Nail Sealability	–	☑	ASTM D1970
Application Temperature: Standard Low Temperature	°C (°F)	10 to 50 (50 to 122) -10 to 10 (14 to 50)	–
Service Temperature: Standard Low Temperature	°C (°F)	-45 to 90 (-49 to 194) -45 to 90 (-49 to 194)	–

The information on this product information sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.