

A2V: Aluminised Surface – 2 Air Bubbles – White Surface
A2A: Aluminised Surface – 2 Air Bubbles – Aluminised Surface

TECHNICAL DATA SHEET
150827RCAN2E
(supersedes -110331RCAN3E)

DESCRIPTION

The **AYR-FOIL A2V & A2A** are vapour barrier & reflective insulation which increase the efficiency of the insulation system. The white film contains UV resistant additives for maximum protection and increased longevity. These products are also available rolled opposite way (**V2A**) if required.

FIELDS OF APPLICATION

- Walls and ceilings
- Crawl spaces
- Concrete Block walls
- Metal buildings
- Water Pipes & Air Ducts
- Water Heater Tanks
- Garage door insulation
- Etc...

PACKAGING

- 8' x 125'
- 8' x 62.5'
- 4' x 125'
- 4' x 62.5'
- 6' x 125'
- Other dimensions available on request

Options available:

Staple tabs: Flat edge allowing the overlap of the rolls.

Quick seam tape: Sticky flat edge to overlap rolls and seal them in one single step.

PERFORMANCES

Because of the various different applications of these products, please consult our web site to get complete information at www.resisto.ca under **AYR-FOIL** section.

PROPERTIES

Properties	Standards	A2V	A2A
Nominal Thickness	-	5/16 in / 8 mm	5/16 in / 8 mm
Weight per unit/area	-	1.16 oz/sq. ft / 355 g/m ²	1.35 oz/sq. ft / 382 g/m ²
Flame Spread	ASTM E84 & ASTM E2599-08	10	10
Smoke Development	ASTM E84 & ASTM E2599-08	110	30
Compressive Strength	-	60.05 lb/sq. in 414 kN/m ²	
Tensile Strength	CAN/CGSB-51.33-M89	21.13 lb/in / 3.7 N/mm	
Emissivity	-	0.03 - 0.04	
Reflectivity	-	0.96 - 0.97	
Water Vapour Permeance	ASTM E96 / CGSB 51.33-M89	Conforms Type 1	
Linear Shrinkage	-	None	
Pliability	CAN / CGSB-51.33 M89	No cracking	
Corrosivity, 200 °F (93 °C) – 7 days	-	Pass	
Service Temperature Range	ASTM C411	-58 °F to 180 °F (-50 °C to 82 °C)	
Resistance to Fungi and Bacteria	-	Does not promote growth	
Electric conductivity	-	None	

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STORAGE

- Keep the rolls in an upright position at all time in a dry area.

RESTRICTIONS

- Ensure that the product is installed according to Building Codes and Municipal authorities' requirements.
- Concrete is usually poured over white side of **A2V**. If reflective surface must be in contact with concrete, the surface shall be protected or **AYR-FOIL CA2P**, especially designed for concrete floor applications, could be used instead.
- Product must be installed in combination with rigid insulation when used with poured-in radiant water heating systems. Consult heating systems manufacturers to know more about rigid insulation requirements.