



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

**A2A:** Aluminised Surface – 2 Air Bubbles – Aluminised Surface

**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
- Concrete slabs
- Crawl spaces
- Concrete Block walls
- Radiant water heating systems
- 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 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](http://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 <sup>2</sup>	1.35 oz/sq. ft / 382 g/m <sup>2</sup>
Flame Spread	ASTM E84	10	10
Smoke Development	ASTM E84	110	30
Crushing Resistance	-	60.05 lb/sq. in 414 kN/m <sup>2</sup>	
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	
Service Temperature Range ASTM	C411	-58 °F to 180 °F (-50 °C to 82 °C)	
Linear Shrinkage	-	None	
Pliability	CAN / CGSB-51.33 M89	No cracking	
Corrosivity 200 °F (93 °C) – 7 days	-	Pass	
Resistance to Fungi and Bacteria	-	Does not promote growth	

(Nominal Values)

**Storage :**

- Keep the rolls in an upright position at all times 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.

**NOTE:** RESISTO may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.