

CA2P: Coated Reflective Surface 2 Air Bubbles – Clear Surface

TECHNICAL DATA SHEET
110331RCAN1E
(supersedes -090914RCAN3E)

DESCRIPTION

The **AYR-FOIL CA2P** is a vapour barrier & reflective insulation. The coated reflective surface of the **CA2P** is especially designed to be in direct contact with concrete. Installed onto rigid insulation panels, product will give an optimised performance with poured-in radiant water heating systems.

APPLICATION

- Under concrete slabs
- Poured-in radiant water heating systems

PACKAGING

- 4' x 125'
- 8' x 62.5'

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	AYR-FOIL CA2P
Nominal Thickness	-	5/16 in / 8 mm
Weight per unit/area	-	1.16 oz/sq. ft / 355 g/m ²
Flame Spread	ASTM E84	Class 2 / Class B
Smoke Development	ASTM E84	Class 2 / Class B
Compressive Strength	-	60.05 lb/sq. in 4.2 kg/Cm ²
Tensile Strength	CAN/CGSB-51.33-M89	21.13 lb/in / 3.7 N/mm
Emissivity	-	0.2
Reflectivity	-	0.8
Water Vapour Permeance	ASTM E96 / CGSB 51.33-M89	Before aging < 0 ng/Pa.s.m ² After aging < 1 ng/Pa.s.m ²
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

(All values are nominal)

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STORAGE

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

RESTRICTIONS

- 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.
- Ensure that the product is installed according to Building Codes and Municipal authorities' requirements.