iFLEX
Reflective Vapour Barrier

SOLUTIONS ÉTANCHÉITÉ
WATERPROOFING SOLUTIONS
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ISOLANT RÉFLÉCHISSANT HAUTE–PERFORMANCE
HI–PERFORMANCE REFLECTIVE INSULATION

DESCRIPTION

The **AYR-FOIL iFLEX** is a reflective vapour barrier used for walls and ceilings.

The **iFLEX** is designed to block humidity and protect the insulation. The reflective surface of the **iFLEX** will contribute to increase the efficiency of the insulation system.

FIELDS OF APPLICATION

- Walls
- Ceilings

PACKAGING

- 6 rolls per box
- Rolls of 52 in x 104 ft (1.32 m x 31.7 m) covering 450 sq. ft (41.84 m²)

INSTALLATION

1. Staple the **iFLEX** to the studs, reflective surface facing in toward the room;
2. Seal the joints with **AYR-FOIL ALUMINIUM TAPE** to ensure vapour barrier continuity;
3. Install strapping (around 3/4 in. thick) perpendicular to the studs every 16 in (400 mm) to create an air space in between the interior finish board and the **iFLEX**. This will optimise the R-value of the insulation system.
4. Install interior finish board onto the strapping.

PROPERTIES

The **iFLEX** meets requirements of CGSB 51.33-M89 Standard.

Properties	Standards	AYR-FOIL iFLEX
Nominal Thickness	-	0,076 mm (3 mil)
Roll Weight	-	Approx. 3.5 kg (7,7 lb)
Tensile Strength, MX/XD	ASTM D882	25 / 22 MPa
Ultimate Elongation, MX/XD	ASTM D882	545 / 752 %
Emissivity	ASTM C1371	0.05
Water Vapor Permeance	ASTM E96 / CGSB 51.33-M89	Conforms Type 1 As received: 0,036 perms (2,04 ng/pa.s.m²) After aging: 0,124 perms (7,07 ng/pa.s.m²)
Pliability at -10 °C (14 °F)	CAN / CGSB-51.33 M89	No cracking

(All values are nominal)

STORAGE

- Keep in a dry area.

RESTRICTIONS

- Product is a vapour barrier, ensure that the product is installed according to Building Codes and Municipal authorities' requirements.

SYSTÈME QUALITÉ
ISO 9001
QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT
ISO 14001
ENVIRONMENT SYSTEM

E-AYR006.indd