

LEGERCLAD

Data sheet



Description:

LEGERCLAD

Type II Legerlite rabbeted insulation panel with integrated TYPAR air barrier membrane for exterior walls.

Product data:

DIMENSIONS

- 4 x 8 X 1" ou 4' x 9' x 1" (R-4.66) RSI 0.82
- 4 x 8 X 1 1/2" ou 4' x 9' x 1 1/2" (R6.7) RSI 1.18
- 4 x 8 X 2" ou 4' x 9' x 2" (R8.6) RSI 1.51

Other sizes available on request.

LEGERCLAD TECHNICAL DATA

TYPE II EXPANDED POLYSTYRENE WITH INTEGRATED TYPAR AIR BARRIER MEMBRANE

This product provides the protection of an air barrier while allowing wall cavity humidity to escape.

PHYSICAL PROPERTIES	IMPERIAL	METRIC	ASTM Test	LEGERCLAD
Thermal resistance: R-value at 75°F (24°C) for 1 in (25 mm) thickness	$\frac{\text{h.ft}^2 \text{ hr}^\circ\text{F}}{\text{BTU}}$	$\frac{\text{m}^2 \text{ }^\circ\text{C}}{\text{W}}$	C-518 C-177	4.6 min. (0.82 min.)
Air permeability	-	L/s.m ²	CNB 5.4.1.2	0.0032
Compressive strength (min.) at 10% distortion	psi	(kPa)	D-1621	16 (110)
Bending strength (min.)	psi	(kPa)	C-203	35 (110)
Dimensional stability: % of linear change (max.)	%	%	D-2126	0.5
Coefficient of thermal expansion (max.)	in/in/°F	(mm/mm/°C)	D-696	3.5 x 10 ⁻⁵ (6 x 10 ⁻⁵ C ⁻¹)
Water vapor permeability	-	(ng/Pa.s.m ²)	E-96	> 60
Water absorption (max.)	%	%	D-2842	4
Effective temperature range				
Continuous	°F	(°C)	-	167 (75)
Intermittent	°F	(°C)	-	180 (82.2)
Flame spread rating	-	-	(CAN/ULC S102.2 M)	<115
Smoke developed	-	-	(CAN/ULC S102.2 M)	<430
Capillarity	-	-	-	Nil

- Legerlite Type II in compliance to can/ulc-s701-01 standards
- TYPAR air barrier
- permanent R-value
- high compressive strength

- recyclable
- no CFCs or HCFCs
- various sizes available