

## TECHNICAL DATA

### Product Properties

Testing in accordance with Specification Standard ASTM C578-17 (USA) and CAN/ULC S701-11 (CAN) for Type I (1) EPS Foam

EPS Physical Properties Imperial (Metric) Values	ASTM Test Method	Spec. Std. Requirements	Results
Thermal resistance* F.ft <sup>2</sup> .h/Btu (m <sup>2</sup> •°C/W)	C518	Min: 3.7 (0.65)	3.82 (0.67)
Water vapor permeance* Perm. (ng/Pa.s.m <sup>2</sup> )	E96	Max: 5.3 (300)	0.70 (40)
Dimensional stability (%)	D2126	Max: 1.5	1.0
Flexural strength lb/in <sup>2</sup> (kPa)	C203	Min: 25 (170)	80 (550)
Water absorption (%)	D2842	Max: 6.0	1.8
Compressive properties lb/in <sup>2</sup> (kPa)	D1621	Min: 10 (70)	14 (97)
Limiting oxygen index (%)	D2863	Min: 24	42

\*NOTE: Property is expressed per 1-inch (25.4 mm) thickness of material.

### Available Sizes

4ft x 8ft (1219mm x 2438mm) with the following thicknesses;

Sheet Thickness	Thermal Resistance Value
2 5/8" (67mm)	R-10 (RSI 1.76, U-Value 0.56 w/m <sup>2</sup> •k)
3 1/2" (89mm)	R-13.37 (RSI 2.35, U-Value 0.42 w/m <sup>2</sup> •k)
3 7/8" (98mm)	R-15 (RSI 2.64, U-Value 0.37 w/m <sup>2</sup> •k)

#### WARNING

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Technical Services, May 2020