

Physical Properties (Type I)	ASTM Testing Method	ULC S701-05 Standard (Type I)	Test Results
Thermal resistance (1" thick) hr-ft ² .°F/Btu (m ² - °C/W)	C-518	Min 3.7 (Min 0.65)	3.8 (0.67)
Water vapor permeability PERM INS. (ng/Pa.s.m ²)	E-96	Max 5.3 (Max 300)	0.701 (40)
Dimensional stability (%)	D-2126	Max 1.5%	-0.5%
Flexural strength lb/in ² (kPa)	C-203	Min 25 (Min 170)	80 (554)
Water absorption (%)	D-2842	Max 6.0%	1.5%
Compressive properties lb/in ² (kPa)	D-1621	Min 10 (Min 70)	14 (97)
Limiting oxygen index (%)	D-2863	Min 24%	42%

Performance Value:

NUDURA Insulation Technology 3 1/2" (89 mm) Panel - R-13.3 (2.45 RSI)

NUDURA Insulation Technology 2 5/8" (67 mm) Panel - R-10 (1.76 RSI)

Density 1.01 lbs/ft³ (16.179 kg/m³)

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RetroFit Installation Video.

