



Insulthane® 200 Evolution

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Insulthane® 200 Evolution is a 2lb medium density, closed-cell spray polyurethane foam insulation system that delivers high R-values and moisture protection. The rigid closed-cell structure creates a complete seal against the loss of heated or cooled air, keeps moisture out, and can even add strength to your walls. Insulthane 200 Evolution is designed to maximize energy efficiency, long term savings and indoor comfort.

Thermal Resistance

Thickness (inch)	R-Value (°F-ft ² -h/Btu)
1.0	6.9
2.0	14
3.5	23
4.0	27

Features



Big Savings

Reduce your energy expenses by up to 40%



Water Resistant

Helps prevent mold and mildew growth



Long-lasting

Does not deteriorate, sag or settle



Durable

Increase structural strength of walls

Physical Properties

Attribute	Test	Results
Density	ASTM D1622	2.0 lb/ft ³
Water Vapor Transmission	ASTM E96 (Procedure A)	0.96 perm @1"
Dimensional Stability* (Volume Change after 7 days)	ASTM D2126	11.45% @ 158°F & 97% RH
Compressive Strength	ASTM D1621	33 psi
Tensile Strength	ASTM D1623	40 psi, pass
Air Permeance @ 75 Pa	ASTM E2178	0.0013 L/s·m ²
Water Absorption (% Volume)	ASTM D2842	0.76%
Open Cell Content	ASTM D2856	4.35%
Fungal Resistance	ASTM G21	No Growth
Color		Amber
Material Listing	Intertek	CCRR-0396

Burn Characteristics

Attribute	Test	Results
Flame Spread	ASTM E84	10
Smoke Development	ASTM E84	450
Surface Burning Characteristics @ 4"	ASTM E84	Class 1 (A)
Walls and Ceiling Uncoated Thickness	ACC 377 Appendix X	Walls 6" Ceiling 6"
Ignition Barrier Uncoated	NFPA 286 Appendix X	Pass
DC 315 Thermal Barrier	NFPA 286	Pass

