

INSULTHANE[®]

450 NM

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Insulthane 450 NM is a no mix two component open-cell spray polyurethane foam insulation that can be applied in a wide range of temperatures making it suitable for a variety of climate conditions. It features consistent and quality performance with easy no mix processing, meaning less downtime and higher job site efficiency.

Thermal Resistance (ASTM C518)

Thickness (inch)	R-Value (°F-ft ² -h/Btu)
1.0	4.1
2.0	7.7
3.5	13
4.0	15

Features



Reduces Air Infiltration



High Yield & Sprayability



Consistent Application



Easy to Prepare and Install

Physical Properties

Attribute	Test	Results
Density (Nominal)	ASTM D1622	0.5 lb/ft ³
Open-Cell Content (Procedure 2)	ASTM D6226	97%
Dimensional Stability (Volume Change after 7 days)	ASTM D2126	<5% @ 158°F & 97% RH
Water Vapor Transmission @ 2"	ASTM E96	9 US perms
Air Permeance	ASTM E283	0.02 L/s·m ²
Re-entry (worker) Re-occupancy	ASTM D8445	1 hour 2 hours
Material Listing	Intertek	CCRR-0396
Colour	-	Cream

Burn Characteristics

Attribute	Test	Results
Flame Spread	ASTM E84	10
Smoke Development	ASTM E84	450
Surface Burning Characteristics @ 1"	ASTM E84	Class 1 (A)
Unvented Attic Without Ignition Barrier	UVA	Walls 18" Roof 18"
Ignition Barrier (4 mils, DC 315)	AC 337 Appendix X	Walls 8" Ceiling 12"
Thermal Barrier	NFPA 286	15 min - 20 mils WFT DC 315

Application Areas

Interior walls, attics, floors, crawlspaces, ceilings

