

# INSULTHANE<sup>®</sup>

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

Thickness (inch)	R-Value (°F-ft <sup>2</sup> -h/Btu)
1.0	4.1
2.0	8.2
3.5	13
4.0	18

### Features



Reduces Air Infiltration



High Yield & Sprayability



Consistent Application



Easy to Prepare and Install

### Physical Properties

Attribute	Test	Results
Density	ASTM D1622	0.53 lb/ft <sup>3</sup>
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 @1"	ASTM E96	21 perms
Water Absorption (% Volume)	ASTM D2842	0.0013 L/s-m <sup>2</sup>
Re-entry – worker Re-occupancy	ASTM D8445	1 hour 2 hours
Material Listing	Intertek	CCRR-0396

### 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"

### Application Areas

Interior walls, attics, floors, crawlspaces, ceilings

