



Tackle environmental challenges with lasting & sustainable spray foam insulation.

Build greener with
Insulthane® Extreme

**Closed Cell
Spray Foam**

**R-7.6
@ 1 Inch**

**Contains
no HFCs**

**Ultra-low
GWP of 1**

Insulthane® Extreme is engineered to meet modern building science strategies of energy efficiency and resilient building design. Add value to your project with a premium insulation system that's proven to achieve a tighter building enclosure, unmatched thermal protection and excellent moisture management.



Structural Strength

Increase racking strength and reduce complications caused by moisture and high wind events



Air, Water & Moisture

Extend the life of structures and prevent air leaks with an integrated air, water and moisture barrier



Design Flexibility

Seal hard-to-reach areas such as cavities, gaps and crevices without compromising your design



Sustainable

Maximize energy efficiency and reduce carbon emissions, while increasing comfort and savings

Ultra-low Global Warming Potential

Insulthane Extreme is an HFO blowing agent medium-density spray polyurethane foam insulation system. It eliminates HFCs, resulting in an ultra-low Global Warming Potential of 1¹.

Recycled Content

Each set of Extreme contains an average of 2,500 recycled PET bottles. PET (Polyethylene Terephthalate) are common consumer plastics that are converted to polyester polyols and used to formulate high performance spray foam insulation.

Insulthane® Extreme

Technical Data



REFERENCES:

All properties determined through testing by an accredited independent third party test facility.

ⁱ Formulated with Honeywell Solstice® Liquid Blowing Agent

ⁱⁱ Dimensional Stability was tested without a substrate



GET IN TOUCH:

Elastochem Specialty Chemicals Inc.

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Attribute	Test	Results
Density	ASTM D1622	2.2 lb/ft ³ 34.5 kg/m ³
Thermal Resistance @ 1"	ASTM C518	R 7.6 RSI 1.3
Water Vapor Transmission	ASTM E96 25 mm	47.34 ng/ (Pa·s·m ²)
Flame Spread	ASTM E84	Flame <25 Smoke <450 Class 1 (A)
Dimensional Stability ⁱⁱ (Volume Change after 28 days)	ASTM D2126	-20°C, +1.0% 80°C, +1.0% 70°C & 97% ±3%RH, +9.0%
Tensile Strength	ASTM 1623	64.5 psi, pass 445 kPa, pass
Air Permeance @ 25 mm	ASTM E2178	0.002 L/S·m ²
Water Absorption (% Volume)	ASTM D2842	3.3%
Compressive Strength	ASTM D1621	25.4 Psi 175 kPa
Open Cell Content	ASTM D2856	2.5%
VOC Emissions	CAN/ULC-S774	25 hours, passed
Hot Surface Performance	ASTM C411	90°C 194°F
Intertek	Material Listing	CCRR-0396
Color		Amber

