

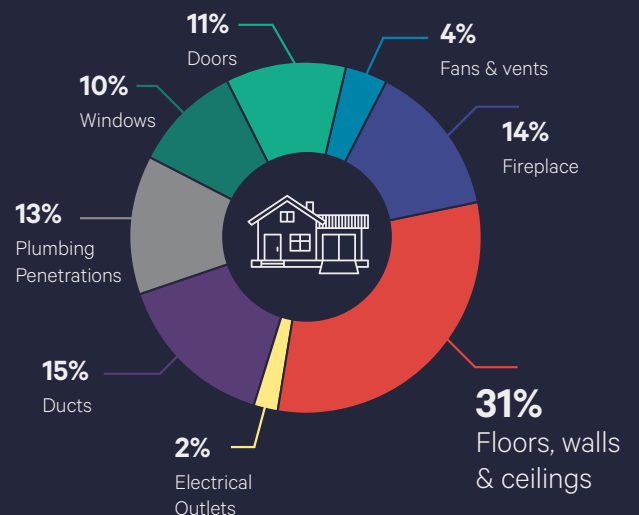
# Add amazing value & comfort to your home.

Insulthane<sup>®</sup> 200 Evolution gives your home the thermal advantage, and so much more.

**Insulthane 200 Evolution** is a tough, long-lasting spray foam insulation system that delivers powerful R-values and moisture protection. Formulated with waterproofing and air sealing qualities, it offers benefits that go beyond traditional insulation. When it sets, Insulthane 200 Evolution creates a water tight barrier that protects your home from harmful bacterial and mould growth. Its 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.

The insulation you choose is key to maintaining a sustainable home. Our premium grade insulation is designed to maximize energy efficiency, so you can enjoy a more comfortable indoor climate, long term savings and quality that lasts.

## How does air escape?



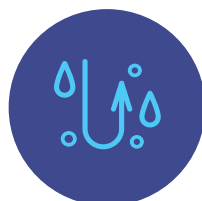
Source: Office of Energy Efficiency and Renewable Energy

Nearly **one third** of air infiltrates through the openings in ceilings, walls and floors in a home with fiberglass insulation.



### Big Savings

Reduce your energy expenses by 30-50%



### Water Resistant

Prevent harmful mould and mildew growth



### Durable

Increase structural strength of walls



### Market Value

Improve resale value with premium insulation

## Attics

Insulate, strengthen and air seal in one step to prevent air that's been heated or cooled from escaping. Air leaks into poorly insulated attics can account for 28% of heat loss.

## Basements

Create a lasting air and vapor barrier in your basement, eliminating both air infiltration and moisture issues. No more basement smells, drafts or chills.

## Insulthane 200 Evolution | Technical Data

Attribute	Test	Results
Density	ASTM D1622	2.1 lb/ft <sup>3</sup> 33.6 kg/m <sup>3</sup>
Thermal Resistance @ 1"	ASTM C518	R 6.9
Water Vapor Transmission	ASTM E96 (Procedure A)	55 ng/ (Pa·s·m <sup>2</sup> )
Flame Spread	ASTM E84	Flame <25 Smoke <450 Class 1 (A)
Dimensional Stability* (Volume Change after 28 days)	ASTM D2126	-20°C, +0.1% 80°C, +1.5% 70°C @ 97% RH, +5.7%
Tensile Strength	ASTM 1623	40 psi, pass 273 kPa, pass

Attribute	Test	Results
Air Permeance @ 75 PA	ASTM E2178	0.0013 L/S·m <sup>2</sup>
Water Absorption (% Volume)	ASTM D2842	0.76%
Compressive Strength	ASTM 1621	33 Psi 227 kPa
Open Cell Content	ASTM D2856	4.35%
Fungal Resistance	ASTM G21	No Growth
VOC Emissions	CAN/ULC S774-09	1 day, pass
Color		Amber
Intertek	Material	CCRR-0396

All testing performed by an accredited independent third party test facility.  
\*Dimensional Stability was tested without a substrate



Elastochem Specialty Chemicals Inc.  
37 Easton Road Brantford, ON N3P 1J4  
1-877-787-2436  
www.elastochem.com

