

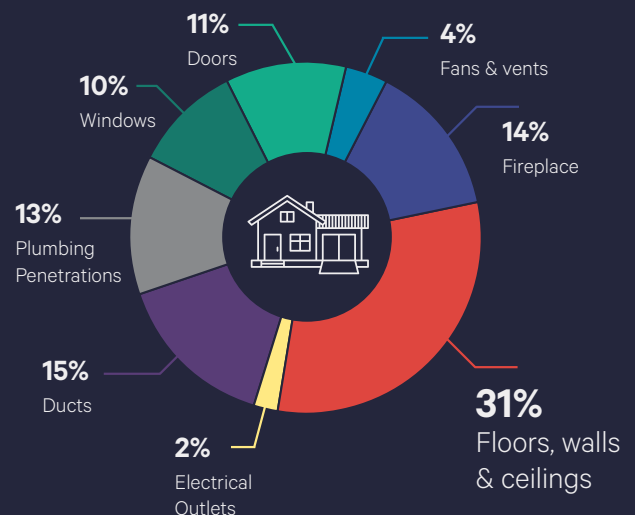
Add amazing value & comfort to your home.

Insulthane[®] 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 the strongest thermal values commercially available. 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?



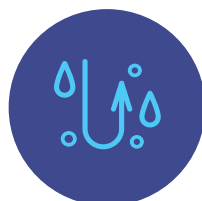
Source: Office of Energy Efficiency and Renewable Energy

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 vapour 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 ³ 33.6 kg/m ³ |
| Long Term Thermal Resistance (50 mm Foam Depth) | CAN/ULC-S770 | R 11.4 RSI 2.0 Type 2 |
| Water Vapour Transmission | ASTM E96 (Procedure A) | 55 ng/(Pa·s·m ²) |
| Corner Wall Test | CAN/ULC-S127 | 245 |
| Flame Spread | CAN/ULC-S102 Steiner Tunnel | Flame 30 Smoke 248 |
| 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 ² |
| 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 |
| Colour | | Latte |
| CCMC# | | 14079-L |

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

