

INSULTHANE®



Elastochem® 500

Elastochem® Proudly Presents It's New Half Pound Spray Foam

Elastochem® 500 is a superior spray foam product that outperforms its competitors. It has been designed for use in almost any building application, providing consistent and reliable results.

Elastochem® 500 spray foam insulation delivers superior R values compared to standard Batt insulation with the added benefit of forming a seamless insulation system for your home. This means it protects your home from any potential air gaps in those hard to reach areas such as joist pockets and crawl spaces.

Another benefit of our open cell foam is its ability to hamper exterior noises and provide excellent acoustical dampening properties. This means sound has a harder time traveling through your home.

Once installed the foam becomes inert and will not react to any changes in weather or climate. This means you don't have to worry about the spray foam shrinking and causing gaps in your insulation.

Elastochem® 500 Benefits

- 100% Water blown - no Hydrofluorocarbons
- Fantastic sound absorption qualities
- Provides a uniform seamless application
- Is dimensionally stable and will not shrink or expand
- Delivers a superior R value of 3.5/inch
- 4x the coverage of conventional 2lb spray foam
- Ideal for attics, garages and large cavities
- Fully trained and certified installers



Technical Information

Attribute	Test	500 Results
Density	ASTM D1622	0.45 Lb/ft ³ 6.80 kg/m ³
Thermal Resistance (25mm Foam Depth)	ASTM C518	R 3.5 RSI .62
Water Vapor Permeation	ASTM E96	1580 ng/ (Pa·s·m ²)
Flame Spread	ULC S-102 Steiner Tunnel	Flame 210 Smoke 195
Dimensional Stability (Volume Change after 28 days)	ASTM D2126	-29°C, -0.1% 80°C, 0.0% 70°C @ 95% RH, -0.1%
Tensile Strength	ASTM 1623	3.3 psi
CCMC#		13655-R

Attribute	Test	500 Results
Thermal Resistance 90 day (25mm Foam Depth)	ASTM C518	R 3.5 RSI .62
Water Absorption (% Volume)	ASTM D2842	17.4%
Corner Wall Test	ULC S-127	315
Dimensional Stability (Volume Change after 15 days)	ASTM D2126	70°C @ 97% RH, -5.5%
Compression Strength	ASTM 1621	N/A
VOC Emissions	CAN/ULC S774-09	1 day, pass
Open Cell Content	ASTM D2856	100%

All testing performed by an accredited independent third party test facility.

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