



Closed-Cell HFO Spray Polyurethane Foam Insulation

PERFORMANCE-ENGINEERED SPRAY FOAM INSULATION

Grizzly Gold Closed-Cell SPF is a two-component medium density insulation system designed to maximize thermal and environmental performance. It has impressive insulating, air sealing and water resistant properties, making it the ideal choice for commercial, industrial and residential use.

Technical Properties

Attribute	Test	Results
Density	ASTM D1622	2.15 lb/ft ³ 34.5 kg/m ³
Long Term Thermal Resistance (50mm Foam Depth)	CAN/ULC-S770-15	R 10.9 RSI 1.92
Water Vapour Transmission	ASTM E96 25 mm	47.34 ng/ (Pa·s·m ²)
Water Vapour Transmission	ASTM E96 50 mm	36.1 ng/ (Pa·s·m ²)
Flame Spread	ASTM E84 Class 1	<25
Flame Spread	CAN/ULC-S102	Flame 5 Smoke 130
Corner Wall Test	CAN/ULC-S127	330
Dimensional Stability [†] (Volume Change after 28 days)	ASTM D2126	-20°C, +1.0% 80°C, +1.0% 70°C & 97% ±3%RH, +9.0%

Other Properties

Attribute	Test	Results
Long Term Thermal Resistance (50mm Foam Depth)	CAN/ULC-S770-03	R 12.0 RSI 2.10

ULTRA-LOW GLOBAL WARMING POTENTIAL (GWP)

Formulated with an advanced HFO blowing agent, Grizzly Gold Closed-Cell SPF has an ultra-low global warming potential (GWP) rating of 1. Compared to HFC alternatives, this product is 99.9% less harmful to the atmosphere.

Attribute	Test	Results
Tensile Strength	ASTM 1623	64.5 psi, PASS 445 kPa, PASS
Air Permeance @ 25mm	ASTM E2178	0.002 L/S·m ²
Water Absorption (% Volume)	ASTM D2842	3.3%, PASS
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
CCMC #	Material Listing	14133-L

Thermal Resistance (CAN/ULC-S770-15)

Thickness (Inch)	R-Value
1.0	5.3
2.0	11.1
3.0	17.5
4.0	24.1

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



1-855-HFO-GOLD

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Industry Leading Site Quality
Assurance by:

