

PRODUCT SPECIFICATIONS



Spray applied Polyurethane Closed Cell Foam Insulation
CCMC 13545-L
CAN/ULC S705.1

PHYSICAL PROPERTIES*

DESCRIPTION

Proline Plus 200 is a closed cell, medium density, spray applied Polyurethane Foam Insulation, Tea green in color.

Proline Plus 200 meets and exceeds CAN/ULC S705.1-01(Including Amendments 1 and 2) as referenced in the National Building Code of Canada.

Proline Plus 200 is applied by licensed installers under the CAN/ULC S705.2 application standard.

Proline Plus 200 is listed by NRC(National Research Council of Canada) under CCMC listing # 13545-L.

Proline Plus 200 is formulated with Recycled PET raw materials.

Product use

Proline Plus 200 is a closed cell spray insulation which expands to seal cavities, while reducing heat loss, energy consumption and moisture gain in buildings. It is intended for use in residential, commercial, industrial and institutional Building applications.

Applications

Proline Plus 200 can be used in interior or exterior building envelope applications, above or below grade, between wood or steel stud framing members.

Testing Method	Property	Value Metric	Imperial
ASTM D1622	Core Density	30-35 kg/m ³	1.85-2.2 lb/ft ³
ASTM D1621	Compressive Strength	175 kPa	25.4 psi
ASTM 1623	Tensile Strength	517 kPa	75 psi
ASTM D 2856	Open Cell Content	<7%	
ASTM C 518	Initial Thermal Resistance, 50 mm	RSI:2.37 m ² K/W	R 6.5
CAN/ULC S 770	Long Term Thermal Resistance, 50 mm	RSI:2.0 m ² K/W	TYPE 2 (Highest)
ASTM G 21	Fungi Resistance	Zero Rating	
ASTM E 2178	Air Permeation @ 75Pa	0.0002 L/s	
ASTM D 2126	Dimensional Stability % Volume Change after 28 days	@ -20C(-29 F) @ 80 C((176 F) @ 70 C(158 F), 97 % RH	.03 % -0.7 % 0.2 %
CAN/ULC S 102 and S127	Flame Spread Class Tunnel Corner Smoke Developed	40 230 405	
ASTM E 96	Water Vapor Permeance 50 mm sample	41 ng/Pa's m ²	.74 perm
ASTM E 90	Sound Transmission Class	Class 33	
CAN/ULC S	VOC Emissions	Pass	1Day
ASTM D 2842	WATER ABSORPTION %	0.4%	PASS



Recommended Processing Parameters

Long- Term Thermal Resistance- Test Method CAN/ULC 770

Processing	Proline Plus 200
Equipment Dynamic Pressure	800-1500
Preheat temperature	50-57 C (122-135 F)
Hose Heat Temperature	50-57 C (122-135 F)
Drum storage Temperature	18-30 C (65-85 F)

Thickness Mm(Inches)	R Value ft2-hr-F/BTU	RSI m2-K/W
50 mm (2.0)	Type 2	2.0

*This information is provided as general information only and cannot be construed as guarantees or warranties expressed or implied regarding performance.

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