

ENERTHANE 2000

POLYURETHANE SPRAY FOAM SYSTEM

Description

The Enerthane 2000 spray foam has a minimum field density of 2.0 lbs/ft³ (32 kg/m³). It is designed for various applications. It is characterized by an excellent insulation factor and good physical and mechanical properties.

- In accordance with CAN/ULC S705.1-98
- CCMC evaluation report #13060-R Insulation material
- Complies with national building code 1995
- Applied in accordance with CAN/ULC S705.2-98 by qualified applicators
- Ruling no 04-14-118(13060-R) authorizing the use in Ontario.

PHYSICAL PROPERTIES

DENSITY	ASTM D1622	2.59 lb / pi ³	41.49 kg / m ³ *
Thermal resistance 90 days / 23 ^o C Assigned design thermal resistance	ASTM C518	7.3 ft ² .h ^o F/Btu.po	1.28 m ² .°C/W
	CCMC 13060R	6.0 ft ² .h ^o F/Btu.po	1.05 m ² .°C/W
Dimensional stability	ASTM D2126	-20 ^o F (-29 ^o C) 212 ^o F (100 ^o C) 158 ^o F (70 ^o C)90% RH ± 5%	% volume change at 28 days + 0.10 +2.0 -0.8
Compressive strength	ASTM D1621	38.5 lb /in ²	264.8 Kpa
Tensile strength	ASTM D1623 ± 5%	68.6 lb /in ²	472.2 Kpa
% open cell content	ASTM D2856 ± 1%		2.78%
Water absorption 96 hrs immersed at 2 in	ASTM D2842 ± 1%		1.23% by volume
Flame spread	CAN/ULC S102-M88		< 500
Smoke development			< 500
Volatile organic emissions	CAN/ULC S-705.1-98 Annexe 1 Procedure B		Accepted (48 hours)
Water vapour permeance	ASTM E 96	1.05 perm. in..	60.97 ng / PA-S-m ² (25 mm)

*This value of 41.49 kg/m³ represents the core density of the laboratory-conditioned specimen. The non-conditioned specimen obtained a core density of 32.00 kg/m³, which represents the minimum field-density specified by the manufacturer.