

NOVOFOIL® *graphite*

TECHNICAL DATA SHEET

EPS Physical Properties	ASTM Test Method	ULC S701 Type 1
Thermal resistance 1 in (25mm) hr·°F·pi²/BTU (m²·°C/W)	C-518	Min : 4,6 Min : (0,81)
Water vapour permeability US Perm. (ng/Pa·s·m²)	E-96	Max : 0,017 Max : (1)
Dimensional stability (%)	D-2126	Max : 1,5
Flexural strength lb/in² (kPa)	C-203	Min : 25 Min : (170)
Water absorption (%)	D-2842	Max : 6,0
Compressive properties lb/in² (kPa)	D-1621	Min : 10 Min : (70)
Limiting oxygen index (%)	D-2863	Min : 24
The maximum continuous service temperature °F (°C) is 167 (75). The maximum intermittent service temperature °F (°C) is 180 (82,2). The coefficient of thermal expansion in/in/°F (mm/mm/°C) is 3,5 x 10-5 (6 x 10-5c-1) as per ASTM D-696 method.		

AVAILABLE SIZES

4 ft × 8 ft × 1/2 in. (1219 mm × 2438 mm × 13 mm)

4 ft × 8 ft × 3/4 in. (1219 mm × 2438 mm × 19 mm)

4 ft × 8 ft × 1 in. (1219 mm × 2438 mm × 25 mm)

Certified wall compositions, # CCMC 14205-R.

Consult the NOVOFOIL installation guide to learn about the wall compositions.

ISO 9001:2015

Certified quality management system ISO 9001:2015.

Warning

Flammable: interior applications require a protective barrier.

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The expanded polystyrene used to manufacture NOVOFOIL® is Intertek certified (ETL Listed) in accordance with **ULC S701**.