

UNIFOAM[®] insert

UNIFOAM[®] insert plus

TECHNICAL DATA SHEET



EPS Physical Properties	ASTM Test Method	ULC S701 Type 1
Thermal resistance 1 in (25mm) hr·°F·ft ² /BTU (m ² ·°C/W)	C-518	Min : 3,7 Min : (0,65)
Water vapour permeability US Perm. (ng/Pa·s·m ²)	E-96	Max : 5,25 Max : (300)
Dimensional stability (%)	D-2126	Max : 1,5
Flexural strength lb/in ² (kPa)	C-203	Min : 25 Min : (170)
Water absorption (%)	D-2842	Max : 6,0
Compressive properties lb/in ² (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 ⁻⁵ c-1) as per ASTM D-696 method.		

AVAILABLE SIZES

4 ft x 8 ft (1219mm x 2438mm) and 4 ft x 9 ft (1219mm x 2743mm) in thickness of :

2 5/8 in (67mm)

3 7/8 in (98mm)

Other dimensions and densities available upon request.

Unifoam Insert Plus includes furring strips.

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 UNIFOAM[®] is Intertek certified (ETL Listed) in accordance with **ULC S701**.