

TECHNICAL DATA SHEET

EPS Physical Properties	ASTM Test Method	Type 2 HD
Thermal resistance 1 in (25mm) hr·°F·pi²/BTU (m²·°C/W)	C-518	Min : 4,15 Min : (0,73)
Water vapour permeability US Perm. (ng/Pa·s·m²)	E-96	Max : 3,5 Max : (200)
Dimensional stability (%)	D-2126	Max : 1,5
Flexural strength lb/in² (kPa)	C-203	Min : 38 Min : (262)
Water absorption (%)	D-2842	Max : 2,0
Compressive properties lb/in² (kPa)	D-1621	Min : 19 Min : (131)
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 in (102mm) thick with the following widths:

24 in (610mm), R-16

30 in (762mm), R-16

36 in (914mm), R-16

Some municipalities require soil testing and engineer approvals.

ISO 9001:2015

Certified quality management system ISO 9001:2015.



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

Warning

Flammable: interior applications require a protective barrier.

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