

DATA SHEET LEGER CLIP

DESCRIPTION

LEGER CLIP®

Type II Thermolite insulation panel with a special groove on all 4 sides that holds the panels in place when used under concrete slabs.

The top side is laminated with a plastic film to improve resistance to breakage during installation on a construction site.

PRODUCT DATA

Dimensions

48" X 96" X 1 1/2"	R-6	16 F pack
48" X 96" X 1 7/8"	R-7.5	12 F pack
48" X 96" X 2 1/2"	R-10	9 F pack

EVALUATION



- > Certified INTERTEK ETL SEMKO
- > Conforms to the CAN/ULC-S701 standards
- > CCMC # 12836-L



PHYSICAL PROPERTIES	IMPERIAL	METRIC	ASTM TEST	EPS TYPE II
Thermal resistance: R-value at 75°F (24°C) for 1 in. (25 mm) thickness	$\frac{\text{hre} \cdot \text{ft}^2 \cdot ^\circ\text{F}}{\text{BTU}}$	$\frac{\text{m}^2 \cdot ^\circ\text{C}}{\text{W}}$	C-518 C-177	4,0 min. (0,70 min.)
Compressive strength at 10% distortion (min.)	lb/ft ² or psi	(kPa)	D-1621	16 (110)
Bending strength (min.)	lb/ft ² or psi	(kPa)	C-203	35 (241)
Dimensional stability: % of linear change (max.)	%	%	D-2126	1,5
Coefficient of linear expansion (max.)	ft/ft/°F	(mm/mm/°C)	D-696	3,5x10 ⁻⁵ (6x10 ⁻⁵)
Water vapour permeability (max.)	Perm-Po	(ng/Pa.s.m ²)	E-96	3,5 (200)
Water absorption (max.)	%	%	D-2842	4
Effective temperature range:				
> Continuous	°F	(°C)	-	167 (75)
> Intermittent	°F	(°C)	-	180 (82)
Flame spread rating	-	-	(CAN/ULC S102,2 M)	< 250
Generated smoke	-	-	(CAN/ULC S102,2 M)	< 410
Capillarity	-	-	-	Nul

PERMANENT R-VALUE GUARANTEE

The thermal resistance of this type of insulation is permanent due to its cellular structure, which contains only stabilized trapped air. EPS performance does not diminish over time.

NOTES

- EPS beads should be considered flammable when subjected to a source of intense heat or a constant strong flame.
- The material includes a flame retardant.
- Vulnerable to petroleum-based solvents.
- Robust, resistant and long-lasting.
- Contains no CFC, HCFC or HFC.