

LEGERLITE GEO40

Data sheet



Description:

LEGERLITE GEO40

Blocks in various sizes made with EPS beads containing a flame retardant.

Technical data:

STANDARD BLOCK SIZE

- 48" x 96" x 30"
- 48" x 192" x 30"

Cuts available by order

PHYSICAL PROPERTIES	Methods	Results
Thermal resistance (min.)	ASTM C-518	0.76 m ² . °C/w/25mm (4.3 h.ft ² .°F/Btu/in)
Compressive strength	ASTM D-1621	275 kPa (40 lb/in ²)
Bending strength (min.)	ASTM C-203	414 kPa (60 lb/in ²)
Water vapor permeability (max.)	ASTM E-96	130 ng/Pa.s.m ² (2.3 perm)
Water absorption (max.)	ASTM D-2842	2 %
Dimensional stability (max.)	ASTM D-2126	0.50 %
Coefficient of linear thermal expansion	ASTM D-696	6E-5mm/mm/°C 3.5 E-5in/in/°F
Usage temperature (max.)	Constant Intermittent	75°C (167°F) 82°C (180°F)
Flame spread	CAN/ULC S102,2M	< 140
Smoke development	CAN/ULC S102,2M	< 325

GUARANTEE

The Groupe Legerlite certifies that this product conforms to the CAN/ULC-S701 (Intertek) standard.

ULTRAVIOLET DEGRADATION

Prolonged exposure to ultraviolet rays will produce slight discoloration and crumbling of surface. Insulation properties will be reduced minimally unless exposure is long enough to reduce thickness. To avoid ultraviolet degradation, cover block as soon as possible.

NOTES: EPS beads should be considered flammable when



subjected to a source of intense heat or a constant strong flame. They are vulnerable to petroleum-based solvents and prolonged exposure to ultraviolet radiation.

EVALUATION

- Certified INTERTEK ETL SEMKO
- Conforms to CAN/ULC-S701-01 standards
- Conforms to CCDG 14301 standard (B1 MTQ insulation)