

ADVANTAGES

- The thermal value of the expanded polystyrene is 100% guaranteed.
- Shiplapped on four edges.
- IZOBEST particular interlocking system.
- Invisible system attachment, high resistance to low temperature.
- Durable concrete building.
- Airtight
- Soundproofing (59 STC).
- Minimum of R-30.
- Without thermal bridge.
- Energy saving from 30% to 50%.
- Meets Novoclimat requirements.

PHYSICAL PROPERTIES

HD expanded polystyrene (type 2)

Thermal Resistance (ASTM C518 C177) Thickness of 25 mm (1")	RSI-0.73 R-4.17
Water Vapour Permeability (ASTM E96) Thickness of 25 mm (1")	130 ng/Pa-s-m² 2.25 perm
Compressive Strength (ASTM D1621) Thickness of 38 mm (1 1/2")	140 kPa* 20.31 lbs/in ²
Flexural Strength (ASTM C518 C203) Thickness of 38 mm (1 1/2")	300 kPa 43.71 lbs/in ²
Water Absorption (ASTM D2842) Thickness of 38 mm (1 1/2")	3%
Density (ASTM D1621)	24.02 kg/m³ 1.5 lbs/ft ³
Limiting Oxygen Index (ULC S-701) % minimum	24%
Dimensional Stability (ASTM D2126) % max. of linear change	1.5%

* This result is based on in-house testing

CERTIFICATIONS



PS 100%



LEED

IZOBEST - 90° BLOCK

Material	Panel: Moulded IZOLON expanded polystyrene (EPS) type HD.
	Spacer: High quality virgin Copolymer.
Net Coverage	0.45 m² to 0.62 m² 4.89 ft ² to 6.67 ft ²
Wall Thickness	66.68 mm (2 5/8") on 2 sides
Block color	Grey
Weight per block	2.27 kg 5 lbs
Spacer	203 mm (8") on center

Continued on back

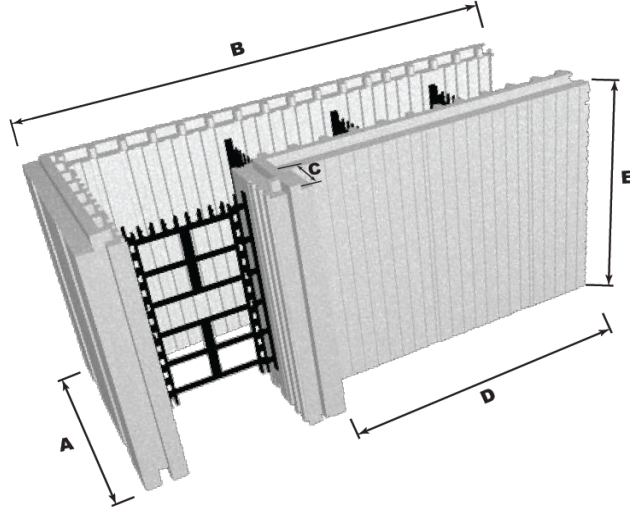
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IZOBEST 90° BLOCK

INTERLOCKING EXPANDED POLYSTYRENE INSULATED CONCRETE FORM BLOCK

DIMENSIONS

IZOBEST - 90° BLOCK



90° BLOCK

	A	B	C	D	E
4"	14"	30"	4¾"	20¾"	16"
6"	16"	32"	4¾"	20¾"	16"
8"	18"	34"	4¾"	20¾"	16"
10"	20"	36"	4¾"	20¾"	16"
12"	22"	38"	4¾"	20¾"	16"

