

### 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)

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

\* This result is based on in-house testing

### CERTIFICATIONS



PS 100%



LEED

### IZOBEST - 45° BLOCK

<b>Material</b>	Panel: Moulded IZOLON expanded polystyrene (EPS) type HD.
	Spacer: High quality virgin Copolymer.
<b>Net Coverage</b>	<b>0.36 m<sup>2</sup> to 0.42 m<sup>2</sup></b> 3.83 ft <sup>2</sup> to 4.5 ft <sup>2</sup>
<b>Wall Thickness</b>	<b>66.68 mm (2 5/8")</b> on 2 sides
<b>Block color</b>	Grey
<b>Weight per block</b>	<b>2.27 kg</b> 5 lbs
<b>Spacer</b>	<b>203 mm (8") on center</b>

Continued on back

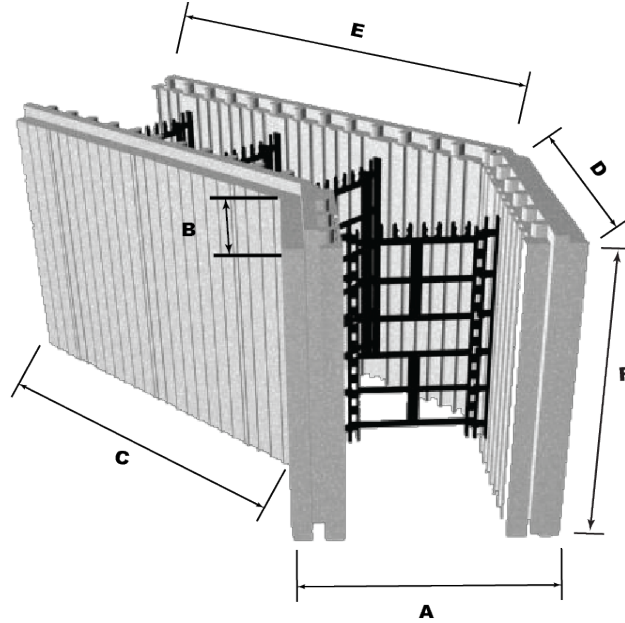
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# IZOBEST 45° BLOCK

INTERLOCKING EXPANDED POLYSTYRENE INSULATED CONCRETE FORM BLOCK

## DIMENSIONS

IZOBEST - 45° BLOCK



## 45° BLOCK

	A	B	C	D	E	E
4"	9¼"	4¾"	20¾"	9¼"	25¼"	16"
6"	11¼"	4¾"	20¾"	10¼"	26¼"	16"
8"	13¼"	4¾"	20¾"	11¼"	27¼"	16"
10"	15¼"	4¾"	20¾"	12¼"	28¼"	16"

