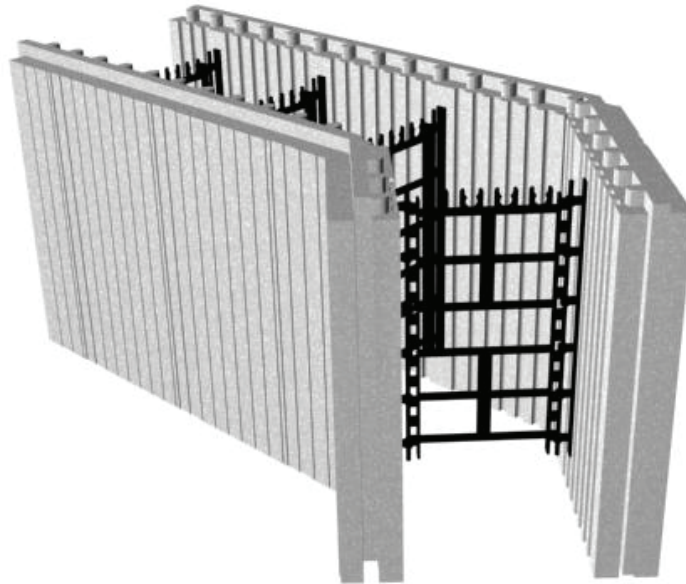




# FRANSYL

## IZOBEST® 45° BLOCK

EXPANDED POLYSTYRENE INSULATED CONCRETE FORM BLOCK FITTING ONE IN THE OTHER



**IZOBEST®**

INSULATED CONCRETE FORM - 45° BLOCK

### 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

### ACKNOWLEDGMENT



PS 100%

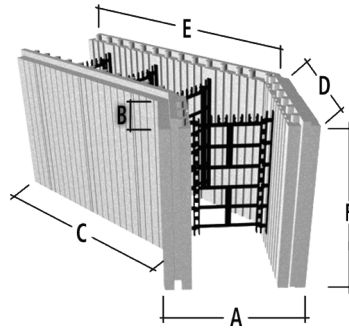


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## TECHNICAL DATA

### DIMENSIONS

#### IZOBEST® 45° BLOCK



	A	B	C	D	E	F
4"	9 1/4"	4 3/4"	20 3/4"	9 1/4"	25 1/4"	16"
6"	11 1/4"	4 3/4"	20 3/4"	10 1/4"	26 1/4"	16"
8"	13 1/4"	4 3/4"	20 3/4"	11 1/4"	27 1/4"	16"
10"	15 1/4"	4 3/4"	20 3/4"	12 1/4"	28 1/4"	16"

IZOBEST® 45° BLOCK	
<b>Material</b>	Panel: Moulded IZOLON expanded polystyrene (EPS) type HD Spacer: High quality virgin Copolymer
<b>Net Coverage</b>	3.83 ft <sup>2</sup> to 4.5 ft <sup>2</sup>
<b>Wall Thickness</b>	2 5/8" on 2 sides
<b>Block color</b>	Grey
<b>Weight per block</b>	5 lbs
<b>Spacer</b>	8" on center

IZOBEST® 45° BLOCK	
	HD (Type II)
<b>Thermal resistance</b> (ASTM C518 C177) 1" (25 mm) thickness	R-4,17 (RSI-0.73)
<b>Water vapour permeability</b> (ASTM E96), 1" (25 mm) thickness	2.25 perm (130 ng/Pa·s·m <sup>2</sup> )
<b>Compressive strength</b> (ASTM D1621) 1 1/2" (38 mm) thickness	140 kPa * (20.31 lbs/in <sup>2</sup> )
<b>Flexural strength</b> (ASTM C 203) 1 1/2" (38 mm) thickness	300 kPa (43.71 lbs/in <sup>2</sup> )
<b>Water absorption</b> (ASTM D 2842) 1 1/2" (38 mm) thickness	3%
<b>Density</b> (ASTM D 1621)	1.5 lb/ft <sup>3</sup> (24.02 kg/m <sup>3</sup> )
<b>Limiting Oxygen Index</b> (ULC S-701) % minimum	24%
<b>Dimensional stability</b> (ASTM D 2126) % maximum linear change	1.5%

\*This result is based on in-house testing