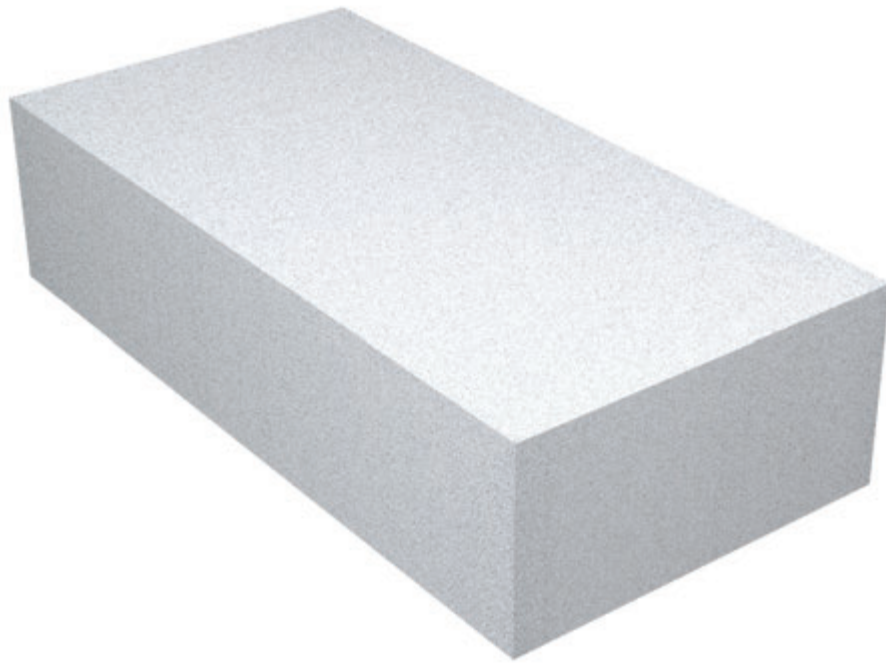


# FRANSYL

## IZOROUTE












ROAD INFRASTRUCTURE LIGHTWEIGHT FILL



**IZOROUTE**

ROAD INFRASTRUCTURE LIGHTWEIGHT FILL

### ADVANTAGES

-  The thermal value of the expanded polystyrene is 100% guaranteed
-  Low water absorption
-  Dimensionally stable
-  Low flame spread
-  Will not support mould growth
-  100% Recyclable
-  Material composed of 98% air and 2% polystyrene
-  No thermal resistance loss due to static deformation
-  Environmentally friendly
-  Without CFC and HCFC
-  Expanded polystyrene contains 10% recycled content

### ACKNOWLEDGMENT



ULC Certified for type HR-THR

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FRANSYL.COM

## SPECIFICATIONS

### DIMENSIONS

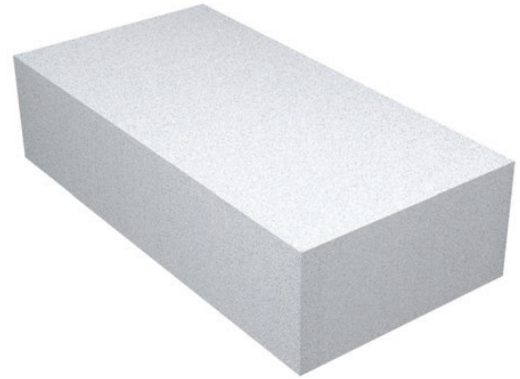
#### IZOROUTE

**Standard dimension\*:** 2' x 4' x 8' (610 mm x 1220 mm x 2440 mm)

\* Other dimensions available according to requirement specifications  
Slope blocks also available

**Standard block volume:** 64 ft<sup>3</sup> (1,8123 m<sup>3</sup>)

**Transportation info:** 48 blocks by trailer of 48' - 3072 ft<sup>3</sup> (87 m<sup>3</sup>)  
56 blocks by road train - 3584 ft<sup>3</sup> (105 m<sup>3</sup>)



IZOROUTE			
	16 kg (HR)	20 kg (THR)	25 kg (HD)
MTQ utilisation type	N/A	B (Road, foundation & lightweight fill)	B1 (Road, foundation & lightweight fill)
<b>Compressive strength</b> (ASTM D 1621)	80 kPa 11.64 lbs/in <sup>2</sup>	120 kPa 17.46 lbs/in <sup>2</sup>	140 kPa 20.3 lbs/in <sup>2</sup>
<b>Flame spread</b> (ASTM E 84)	15	5	10
<b>Flame spread</b> (CAN4-S102.2M)	115	140	140
<b>Density</b> (ASTM D 1621)	1 lb/ft <sup>3</sup> 16 kg/m <sup>3</sup>	1,25 lb/ft <sup>3</sup> 20 kg/m <sup>3</sup>	1,6 lb/ft <sup>3</sup> 25 kg/m <sup>3</sup>
<b>Dimensional tolerance</b> Épaisseur	-3, +5 mm	-3, +5 mm	-3, +5 mm
<b>Dimensional tolerance</b> Planéité	+/- 1%	+/- 1%	+/- 1%
<b>Dimensional tolerance</b> Équerrage	10 mm each 3 m +/- 1%	10 mm each 3 m +/- 1%	10 mm each 3 m +/- 1%
<b>Dimensional stability - Volume</b> (ASTM D 2126)	0.32%	0.32%	0.32%
<b>Dimensional stability - length - width</b> (ASTM D 2126)	-0.54% 0.19%	-0.59% 0.21%	-0.64% 0.18%
<b>Average weight</b>	70 lbs	85 lbs	103 lbs

**ULC evaluation results:** Meets requirements CAN/ULC-5701 for type HR-THR

**Normes MTQ:** Izoroute B + B1, Meets Requirements MTQ 14 301 Tome VII ch 14, polystyrene for road construction