



### PHYSICAL PROPERTIES

HD (type 2) IZOSUMP

<b>Thermal Resistance</b> (ASTM C518 C177) Thickness of 25 mm (1")	<b>RSI-0.73</b> R-4.17
<b>Vapour Permability</b> (ASTM E96) Thickness of 25 mm (1")	<b>2.25 perm</b> 130 ng/Pa·s·m <sup>2</sup>
<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>Dimension Stability</b> (ASTM D2126) % max. of linear change	<b>1.5%</b>

\*This result is based on in-house testing

### DESCRIPTION

IZOSUMP is a basin shape expanded polystyrene starter panel, with 4% integrated slope, designed to flow off water to drain.

### CERTIFICATIONS



- Certified ULC (type 1 HR and type 2 THR)

### ADVANTAGES

#### ***Thermal Value 100% Guaranteed***

The FRANSYL IZOLON® Expanded Polystyrene maintains its thermal insulation and performance over time, for at least 40 years, even if the product's molecular structure is deformed.

#### ***Low Water Absorption***

The closed cell walls are waterproof and as such, water can only penetrate in channels located between polystyrene cells that are held together. The EPS will thus maintain at least 94% of its thermal value.

#### ***High-Dimensional Stability***

According to industry standards, EPS is one of the leaders in terms of size maintenance. This helps the system to remain fully waterproof at all times.

#### ***Captive Gas; 98% Air and 2% Plastic***

This formula has been used for more than 50 years. It does not contain any VOC, CFC's, HCFC's, Formaldehyde or any gas that can impact the ozone layer. Furthermore, this provides the product with premium features including its light weight and the maintenance of R-Value.

#### ***Environmentally Friendly***

EPS is 100% recyclable and contains 10% recycled materials. Produced locally, the distance between the plant and site is often shorter than other products of the industry. Furthermore, IZOLON® uses hydroelectricity in its production, which is a renewable form of energy and requires less energy than many other insulation products.

#### ***Mildewproofing***

EPS contains materials that do not support the growth of bacteria such as spores and mushrooms.

#### ***Meets High Standards***

Helps to reach Novoclimat (in Quebec if applicable), EnergyStar (Ontario and the Maritimes) and R-2000 (Canada) insulation levels.

Continued on back

# IZOSUMP

## EXPANDED POLYSTYRENE SLOPE STARTER PANEL

### SIZES

#### ISOSUMP

##### STRAIGHT EDGES

Width x Length*	1,219 mm x 1,219 mm 48" x 48"
Thickness - Straight Edge	25 mm x 203 mm 1" x 8"
Slope	4% 1:25

### SIZES

#### ISOSUMP BIZOLAP

##### SHIPLAPPED ON 4 EDGES

Width x Length*	1,219 mm x 1,219 mm 48" x 48"
Thickness - Shiplepped Edge	51 mm x 203 mm 2" to 8"
Shiplap	16 mm 5/8"
Slope	4% 1:25

\*Other dimension and densities available.

### *Integrated Slope*

The 4% integrated slope allows for positive drainage.

### APPLICATION

1. Before installing IZOSUMP starter panel, apply an adhesive floor in beads forms every 6 inches. (Not necessary if the system is secured mechanically.)
2. Install the starter panel according to the shop drawing.



### PRODUCT WARRANTY

#### *Thermal Value is 100% Guaranteed*

The thermal resistance of the product is 100% guaranteed free of charge for a period of at least 40 years.

