



COMPLEMENTARY PRODUCTS



DESCRIPTION

Grooved expanded polystyrene insulation, shiplapped on all four sides, designed to facilitate the drainage of water to the drain.

CERTIFICATIONS



LEED



PS 100%

- Meets ASTM C 1338 Standard, R04-690 report; test methods to determine mold resistance
- CCMC #13027-L

INSTALLATION

1. Place the insulation board with the grooves on the side of the foundation wall.
2. Secure the insulation with 5 appropriate fasteners, positioned at each corner and center of the panel.

PHYSICAL PROPERTIES

THD expanded polystyrene (type 3)

Thermal Resistance (ASTM C518 C177) Thickness of 1" (25 mm)	R-4.2 RSI-0.74
Vapour Permeability (ASTM E96) Thickness of 1" (25 mm)	2.25 perm 130 ng/Pa-s-m ²
Compressive Strength (ASTM D1621) Thickness of 1 1/2" (38 mm)	210 kPa 30.6 lbs/in ²
Flexural Strength (ASTM C518 C203) Thickness of 1 1/2" (38 mm)	300 kPa 43.71 lbs/in ²
Water Absorption (ASTM D2842) Thickness of 1 1/2" (38 mm)	2%
Density (ASTM D1621)	2 lbs/ft³ 32.03 kg/m ³
Limiting Oxygen Index (ULC S-701) % minimum	24%
Dimensional Stability (ASTM D2126) % max. of linear change	1.5%

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IZODRAIN

TYPE THD

GROOVED EXPANDED POLYSTYRENE INSULATION BOARD

SIZE

Width x length*	48" x 48" 1219 mm x 1219 mm
Thickness of straight edge	2" to 12" 51 mm to 305 mm
Thickness of shiplapped edge	2" to 12" 51 mm to 305 mm
Shiplap	1/2" or 5/8" 13 mm or 16 mm
Number of grooves per side	5
Width of the grooves	1" 25 mm
Depth of the grooves	0.75" 19 mm
Number of boards par skid	Varies on thickness

*other sizes available upon request

ADVANTAGES

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.

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 CFCs, HCFCs, 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.

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.



PRODUCT WARRANTY

Thermal value 100% guaranteed

In foundation wall application, the thermal resistance of the product is 100% guaranteed, free of charge, for a minimum period of 35 years.

