

DESCRIPTION

Expanded polystyrene insulation board, laminated on both sides of a 1-mil clear polypropylene film, designed as a coverboard during re-roofing work.

CERTIFICATIONS



- Meets CAN/ULC S-107 Standard
- C7 and C12 under CAN/ULC S-126M Standard
- UL Standard 790 (ASTM E 108)
- UL Class A with most roofing membrane systems (See UL Directory of Roofing Systems and Materials)
- Meets ASTM C 1338 Standard, R04-690 report; test methods to determine mold resistance

COMPLEMENTARY PRODUCTS



LEXCOR LEXGRIP
Screws and Plates

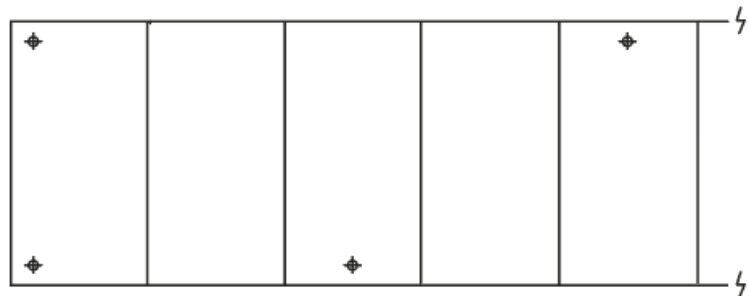
PHYSICAL PROPERTIES

THR (type 2) Expanded Polystyrene

Thermal Resistance (ASTM C518 C177) Thickness of 25 mm (1")	RSI-0.7 R-4
Vapour Permeability (ASTM E96) Thickness of 25 mm (1")	3.5 perm 200 ng/Pa·s·m ²
Compressive Strength (ASTM D1621) Thickness of 38 mm (1 1/2")	120 kPa 17.46 lbs/in ²
Flexural Strength (ASTM C518 C203) Thickness of 38 mm (1 1/2")	240 kPa 34.97 lbs/in ²
Water Absorption (ASTM D2842) Thickness of 38 mm (1 1/2")	4%
Density (ASTM D1621)	20.01 kg/m³ 1.25 lbs/ft ³
Limiting Oxygen Index (ULC S-701) % minimum	24%
Dimension Stability (ASTM D2126) % max. of linear change	1.5%

INSTALLATION

1. Install the board in a continuous row, without any spacing.
2. Spaces of more than 13 mm (1/2") must be filled with the same insulation as the regular part of the roof.
3. Off-set the seams in the 2nd row by at least 305 mm (12").
4. If the board is installed over an insulation layer, off-set the seams by at least 152 mm (6") between the layers.
5. If fastened mechanically, refer to the following attachment diagram:



*The screws must be inserted at least 152 mm (6") from the edge of the board.

Continued on back

IZOFOLD

TYPE THR

EXPANDED POLYSTYRENE PROTECTION BOARD

PHYSICAL PROPERTIES

Polypropylene

Heat Sealing Temperature (ASTM C209)	104°C - 121°C 220°F - 250°F
Face-to-Face Friction Coefficient (ASTM D1894)	0.4 - 0.5
Tensile Strength (ASTM D882)	27 000 lbs/in² (MD) 28 500 lbs/in² (TD)
Elongation (ASTM D882)	90% (MD) 80% (TD)
Water Vapour Transmission (ASTM F1249)	0.06 gms/100ft²/24h
Oxygen Transmission Level (ASTM D3985)	166 cc/100ft²/24h

SIZES AND PACKAGING

	610 mm x 1,219 mm Sheet 2' x 4'	1,219 mm x 1,219 mm Sheet 4' x 4'
Number of Sheets	48	48
Sheet Thickness	13 mm 1/2"	13 mm 1/2"
Width x Length folded	1.2 m x 29 m (35.7 m²) 4' x 96' (384 ft ²)	1.2 m x 58 m (71.3 m²) 4' x 192' (768 ft ²)
Weight of the Series of 64 Sheets	9.1 kg 20 lbs	18.2 kg 40 lbs
Nb of Sheets per Skid	4	2

ADVANTAGES

Excellent Covering Power

A single IZOFOLD board covers an area of 71.3 m² (768 ft²), which is equivalent to 48 traditional boards of 1,219 mm x 1,219 mm (4' x 4') usually used.

Quick Installation

Simple securement method, very light and easy to handle.

Reduces the Risk of Infiltration

Water can only penetrate in the canals located in the polystyrene cells that are welded together, so most of the water and humidity is directed toward the drain rather than the foundation.

Added Insulating Value

Fransyl's Expanded Polystyrene maintains its insulating properties and performance for at least 40 years. Furthermore, the insulating value of the expanded polystyrene is much greater than that of a fibreboard or gypsum board of 1/2".



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.

