



COMPLEMENTARY PRODUCT



Wrapshield SA Membrane

PHYSICAL PROPERTIES

R-ZOL PLUS

Thermal resistance thickness of 1 5/16" (33.3 mm)	RSI-0.7 R-4
Compressive strength	110 kPa 16 lbs/in ²
Shearing force (OSB)	379 kg/m 255 lbs/ft
Water absorption % per volume	4%
Vapour permeability with OSB 4' x 8' at ± 10% with OSB 4' x 9' at ± 14%	1.7 perm (99.2 ng/(Pa·s·m ²) 2.1 perm (122.5 ng/(Pa·s·m ²))
Wall racking Deflection* Ultimate load* (ASTM E72)	5.1 mm (0.2") 6.6 kN/m (452 lbs/ft)

*Test value - Can only be used for buildings that are 3 floors and less, as well as semi-basements.

DESCRIPTION

R-ZOL PLUS is a THR expanded polystyrene insulation factory laminated to an oriented strand board (OSB) structural panel, for application on above ground exterior walls.

CERTIFICATIONS



INSTALLATION

1. Secure the panels with 8d grooved nails with a minimum length of 63.5 mm (1 1/2").
2. Nail at 152.4 mm (6") on-center along the ends and supported edges of the panel.
3. Nail at 304.8 mm (12") on-center on the intermediate supports.

LIMITATIONS

This product, installed with a protective barrier, can be left exposed for up to 120 days.

STORAGE

Store protected from the elements, preferably indoors. Do not store directly on the ground.

Continued on back

R-ZOL PLUS

STRUCTURAL INSULATION PANEL

SIZES

Width x length	1,219 mm x 2,438 mm
	4' x 8'
	1219 mm x 2743 mm
	4' x 9'
Total thickness	33.3 mm
	1 5/16"
OSB thickness	11.2 mm
	7/8"
Expanded polystyrene thickness	22.4 mm
	7/8"

*Other thicknesses available upon request

PACKAGING

	4' x 8'	4' x 9'
Panel weight	52 lbs 23.6 kg	55 lbs 24.9 kg
Units per skid	33	33
Skid weight	1,716 lbs 778.4 kg	1,815 lbs 823.3 kg
Skid size	43.5" x 4' x 8' 1.1 m x 1.2 m x 2.4 m	43.5" x 4' x 9' 1.1 m x 1.2 m x 2.7 m

ADVANTAGES

Multifunctional

In addition to adding thermal value to the structure, the panel adds racking strength to stabilize the wall and facilitate uniform installation of exterior finishes.

Panel combination equals R-4

Meets the requirements of the National Building Code.



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 35 years.

