



COMPLEMENTARY PRODUCT



Wrapshield SA Membrane

### PHYSICAL PROPERTIES

#### R-ZOL PLUS

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

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

\*Other thicknesses available upon request

## PACKAGING

	4' x 8'	4' x 9'
<b>Panel weight</b>	52 lbs 23.6 kg	55 lbs 24.9 kg
<b>Units per skid</b>	33	33
<b>Skid weight</b>	1,716 lbs 778.4 kg	1,815 lbs 823.3 kg
<b>Skid size</b>	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.

