



THE MURUS OSB-2100/GPS STRUCTURAL INSULATING PANEL
(OSB/GPS Foam Core/OSB)

Dimensions and Weights:

<u>Series:</u>	<u>2145GPS</u>	<u>2165GPS</u>	<u>2185GPS</u>	<u>21105GPS</u>	<u>21125GPS</u>	<u>21150GPS</u>
Overall Thickness:	4-5/8"	6-1/2"	8-1/4"	10-1/4"	12-1/4"	15"
Thickness Tolerance:	+/- 1/8"	*	*	*	*	*
Width:	48" or 96"	*	*	*	*	48"
Width Tolerance:	+/-1/8"	*	*	*	*	*
Standard Lengths (Feet):	8, 9, 10, 12, 14, 16, 18, 20, 22, 24'	*	*	*	*	*
Standard Widths (Feet):	4' & 8'	*	*	*	*	4'
Length Tolerance:	+/- 1/4"	*	*	*	*	*
Weight:	3.60 lbs/sf	3.80 lbs/sf	4.00 lbs/sf	4.20 lbs/sf	4.40 lbs/sf	4.70 lbs/sf

Insulating Core:

Type:	NEOPOR® Type VIII Expanded Polystyrene Foam					
Thickness:	3-3/4"	5-5/8"	7-3/8"	9-3/8"	11-3/8"	14-1/8"
Density (nominal):	1.25 lb/cu. ft.	*	*	*	*	*
R-value @75F:	4.70 per inch	*	*	*	*	*
System R-value @75F:	18	28	36	45	55	67
@40F:	19	29	38	48	58	72

Insulating Core Properties

Design Values

K Factor @75F Mean:	.213	ASTM C-518
Compressive Strength:	14 psi	ASTM D-1621
Flexural Strength:	30 psi	ASTM C-203
WVT/Perm Inch:	3.1	ASTM E-96
Water Absorption (by volume):	1.1% maximum	ASTM C-272
Maximum Service Temperature:	165° F (long term)	
Foam Fire Rating:	Class 1	**ASTM E-84
Flame Spread:	<25	**ASTM E-84
Smoke Developed:	<450	**ASTM E-84

*Specifications or value is the same as the OSB-2145 Panel.

**ASTM E-84 is not necessarily a representation of performance in an actual fire. Class 1 is the highest rating available for combustible materials.

Outside Skins

Type:	APA or equivalent listed oriented strand board (OSB) meeting PS 2-10 requirements
Grade:	Exposure-1
Thickness:	7/16"

Notes: Specifications are subject to change without notice.
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