

# NEOPOR® EPS Foam Core SIPs

Murus offers silver-gray graphite-enhanced NEOPOR® brand EPS from BASF as a value-added SIP foam core alternative. NEOPOR® SIPs are available in a variety of thicknesses in 4-foot and 8-foot widths, in lengths up to 24 feet.

**NEOPOR® EPS** is a proprietary expanded polystyrene formulated by incorporating graphite into the EPS cell structure. Graphite particles incorporated into EPS reflect and absorb thermal radiation, thus improving the ability of EPS to insulate. The addition of graphite results in a 20% increase in R-value over standard EPS in the same thickness.

No CFC's, HCFC's, HFC's, or halogenated cell gases are used in the manufacture of NEOPOR® EPS.

## Electrical Chase

Electrical wiring is accommodated through horizontal electrical chases cut into the EPS core during panel manufacturing. Optional vertical chases can also be incorporated.

## Fire Resistance

Murus NEOPOR® EPS foam cores have a Class 1 fire resistance rating – the highest rating available for combustible materials.

## Warranty

Murus offers a limited 10-year warranty against delamination. Contact us for full details.

## Product Testing and Certification

Listed with NTA.

NEOPOR® is a registered trademark of BASF SE.



THE MURUS OSB-2100/NEOPOR® EPS STRUCTURAL INSULATED PANEL					
Series	2145NEO	2165NEO	2185NEO	21105NEO	21125NEO
OVERALL THICKNESS (inches)	4-1/2"	6-1/2"	8-1/4"	10-1/4"	12-1/4"
WIDTH (inches)	48 or 96	*	*	*	*
STANDARD LENGTHS (feet)					
(48 inch Widths)	8, 9, 10, 12, 14, 16, 18, 20, 22, 24				
(96 inch Widths)	up to 24				
WEIGHT (lbs/sf)	3.55	3.75	3.90	4.05	4.20
<b>Insulated Core:</b> NEOPOR® Expanded Polystyrene Foam					
CORE FIRE RATING	Class 1		**ASTM E84		
SYSTEM R-VALUE	17	26	34	43	52
<b>Outside Skins:</b>	7/16" oriented strand board (OSB) Exposure-1				

\* Specifications or value is the same as the OSB-2145NEO  
 Class 1 is the highest rating available for combustible materials.  
 \*\*ASTM E84 is not necessarily a representation of performance in an actual fire.



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