

Below-Grade Insulation Solutions

NEOPROHD™

HIGH DENSITY ENERGY EFFICIENT EPS INSULATION FOAM BOARD



With
PREVENTOL®
Termite Treatment



THERMAL PERFORMANCE R VALUE CHART - DENSITY 1.8 LBS/FT³

R5 (1.0")	R7.5 (1.5")	R10 (2.0")	R12.5 (2.5") (NOMINAL THICKNESS)	R15 (3.0")	R17.5 (3.5")	R20 (4.0")
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OTHER THICKNESSES ARE AVAILABLE UPON REQUEST.

R VALUE IS THE RESISTANCE TO HEAT FLOW. THE HIGHER THE R-VALUE, THE GREATER THE INSULATING PERFORMANCE.

*PROPERTIES SHOWN ARE REPRESENTATIVE VALUES FOR CORE 1 1/16" THICK MATERIAL

EPS Physical Property Requirements Per ASTM C578

PROPERTY	UNITS	TYPE IX	STANDARD
Density (U.S) Minimum Requirements	lbs/Ft ³	1.8	ASTM D1622
Compressive Resistance at yield of 10% deformation	PSI	25	ASTM D1621
Flexural Strength, psi	PSI	50	ASTM C203
Dimensional Stability (change in dimensions)	% max	2.0	ASTM D2126
Water Absorption by total immersion	Volume %	1.1	ASTM C272
Water Vapor Permeance	1", 1 perm	2.5	ASTM E96
*Thermal Resistance of 1" thick NeoPro™	F • ft ² • h/Btu 75° ± 2° F, 40° ± 2° F	5.0, 5.3	Exceeds ASTM C518 minimum requirements
Maximum Service Temperature	°F	245	ASTM C578
** Biological Behavior	No harmful effects on health known.		
Polypropylene Facers (If faced)	1.2 mils minimum available perforated or non-perforated		

Packaging:

1"	-	20 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
1-1/2"	-	13 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
2"	-	9 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
2-1/2"	-	7 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
3"	-	6 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
3-1/2"	-	5 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
4"	-	4 pcs./unit	29 units/Half Truck, 58 units/ Full Truck

Units of differing thicknesses may be combined for Half or Full Truck requirements



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