

TECHNICAL DATA SHEET

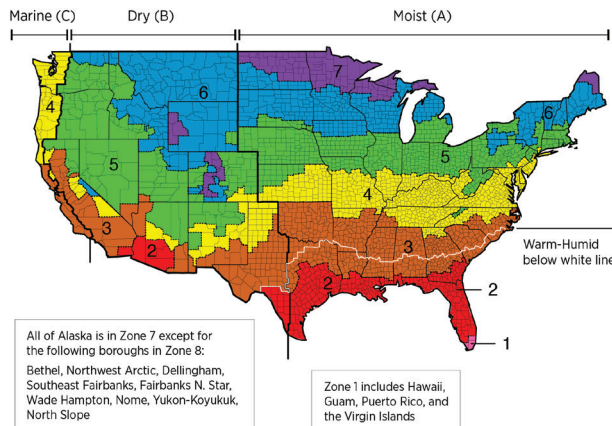
GPS Test Results per ASTM C578			
Property	Units	Type VIII	Standard
Density (U.S) Minimum Requirements	lbs/ft ³	1.15	ASTM D1622 or C303
Thermal Resistance of 1" thick NeoPro	F x ft ² x h/Btu 75 ^{±2} °F F x ft ² x h/Btu @ 40 ^{±2} °F	5.0, 5.2	Exceeds ASTM C518 Minimum requirements
Compressive Resistance at yield of 10% deformation	psi	14	ASTM D1621 or C165
Water Vapor Permeance	1", 1perm	3.1	ASTM E96
Water Absorption by Total Immersion	Volume %	1.1	ASTM C272
Flexural Strength	psi	32	ASTM C203
Dimensional Stability (Change in Dimensions)	%Change	2.0	ASTM D2126
Surface Burning Characteristics	Flame Spread Smoke Development	5 25	ASTM E84 or UL 723
Chemical Resistance BASF TI 120 Resistance to chemicals	Insensitive to water, the majority of acids and alkalis; sensitive to organic solvents.		
Biological Behavior	No harmful Effects on health known		

*ASTM E-84 not required of ASTM C578

** Not included in ASTM

Product	Standard Thickness ¹	Standard Dimensions	R-Value ^{2,3}	Compressive Strength
NeoPro [®]	$\frac{9}{16}$ " , $1\frac{1}{16}$ " , $1\frac{5}{8}$ " , $2\frac{1}{8}$ "	4' x 8'	R3, R5, R7.5, R10	14 psi
¹ Board thickness (+/- $\frac{1}{16}$ ") ² R-Value is R5 per nominal Inch ($1\frac{1}{16}$ ") Laminated with poly/poly or poly/metal facers. Also available unfaced. Laminated facers are perforated unless requested unperforated. Custom sizes are available. Upon request, NeoPro [®] Products are available with a termite preventative additive.				

³ When using a poly/metal facer, an additional 2.8 R-Value can be achieved with a 3/4 inch air space between foam insulation and final cladding



Climate Zone	2009 IECC	2012 IECC	2015 IECC
1	13	13	13
2	13	13	13
3	13	20 or 13+5	20 or 13+5
4	13	20 or 13+5	20 or 13+5
4+5	20 or 13+5	20 or 13+5	20 or 13+5
6	20 or 13+5	20+5 or 13+10	20+5 or 13+10
7+8	21	20+5 or 13+10	20+5 or 13+10

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