



- **Increased R-Values**
- **Environmentally Friendly**
- **Contributes to LEED**

NEOPRO™

Energy Efficient Graphite-Enabled Board Technology



EPS 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™ R Value (nominal 1", actual thickness 1 1/16")	F • ft ² • h/Btu 75° ± 2° F F • ft ² • h/Btu @ 40° ± 2° F	5.0 5.2	Exceeds ASTM C518 minimum requirements
Compressive Resistance at yield of 10% deformation	PSI	14.0	ASTM D1621 or C165
Flexural Strength, psi	PSI	30.0	ASTM C203
Dimensional Stability (Change in Dimensions) max. %	@ 158°F (70° C) and 97% RH @ -40° F (-40° C)	2.0	ASTM D2126
Water Absorption by total immersion	Volume %	1.1	ASTM C272
Water Vapor Permeance	1", 1 perm	3.1	ASTM E96
Oxygen Index	Volume %	24.0	ASTM D2863
*Surface Burning Characteristics	Flame Spread Smoke Development	5 25	ASTM E84 or UL 723
Application Limiting Temperature	F° (C°)	165 (73.9)	ASTM C578, 1.1
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.		



Packaging:

9/16"	-	35 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
3/4"	-	27 pcs./unit	29 units/Half Truck, 58 units/ Full Truck
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"	-	10 pcs./unit	29 units/Half Truck, 58 units/ Full Truck

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



TENNESSEE PLANT
109 PERMA R RD.
JOHNSON CITY, TN 37604

www.permarproducts.com

800.647.6130

MISSISSIPPI PLANT
2604 SUNSET DR.
GRENADA, MS 38901

info@permarmarproducts.com