

Neopor[®] GPS Plus Rigid Insulation Board for use with Platinum CI EIFS

SPECIFICATIONS AND PERFORMANCE

PHYSICAL PROPERTY	ASTM METHOD	UNITS	R-5	R-7.5	R-10
R-Value, 75 °F	C518	Btu • in. / ft. ² hr • °F	5	7.5	10
Thickness	-	Inches	1 1/16"	1 1/2"	2 1/8"

PROPERTY	RESULT	TEST METHOD
Classification	Type I	ASTM C518
Density, lb./ft ³ (kg/m ³)	Min. 0.90 (23.2) Max. 1.15 (18)	
Compressive strength, min., PSI (kPa)	10.0 (69)	ASTM D1621
Tensile strength, min., PSI (kPa)	15.0 (103)	ASTM D1623
Flexural strength, min., PSI (kPa)	25.0 (172)	ASTM C203
Shear modulus, max., PSI (kPa)	400 (2758)	ASTM C273
Water vapor permeance of 1.00 in 25.4mm thickness, max., perm (ng/Pa.s.m ²)	4.0 (196)	ASTM E96
Water absorption by total immersion, max, volume %	1.1	ASTM C272
Dimensional stability (change in dimensions), max., %	2.0	ASTM D2126
Oxygen Index, min., volume %	24.0	ASTM D2863
Flame spread, max.	25.0	ASTM E84
Smoke developed, max.	450	ASTM E84
Board width, max.	24" (610mm) +/- 1/16" (1.6 mm)	N/A
Board length, max for Platinum CI Wall System	48" (1220mm) +/- 1/16" (1.6 mm)	N/A
Board Edges Square	Within 1/32" per linear foot (0.8 mm per LM)	N/A

FEATURES AND BENEFITS

FEATURES	BENEFITS
Silver gray color	Reduces jobsite glare
Available in thermal values of R5, R7.5 and R10 as well as custom thicknesses and shapes	Easy to specify, align with R values of competitive products such as XPS and many thermal CI requirements in the International Energy Conservation Codes (IECC)
Easy to rasp	Able to achieve a planar surface

NEOPOR GPS PLUS RIGID INSULATION BOARD SUPPLIERS

BASF Neopor® GPS Plus Rigid Insulation Board specified for the use with the Platinum CI EIFS is available to distributors through block molders that have agreed to manufacture Neopor GPS Plus Rigid Insulation Board per the attached specifications and ASTM E2430.

For the most current version of this literature, please visit our website at www.master-builders-solutions.com/en-us.

Master Builders Solutions Construction Systems US, LLC 889 Valley Park Drive, Shakopee, MN 55379 **Customer Service** +1 (800) 433-9517
www.master-builders-solutions.com/en-us **Technical Service** +1 (800) 589-1336