

Platinum R5 insulation is a revolutionary Graphite Polystyrene (GPS) manufactured using Neopor[®]. The addition of graphite provides an R-Value of 5 in a nom. 1" thick panel.

Unlike other rigid insulations, Platinum R5 exhibits a stable, non-degrading R-Value over the life of the product. In addition, Platinum R5 helps manage moisture making it an ideal insulation for construction applications.

Uses

Ideal for use in numerous commercial, industrial and residential continuous insulation (CI) construction applications including:

- Traditional and One-Coat Stucco Systems
- Exterior Insulation and Finish System (EIFS)
- Tilt-up Walls
- Sheathing Systems
- Under-Slab and Perimeter/Foundation Applications
- Cavity Walls
- Interior Walls
- Cold Storage Walls and Floors
- Attics and Crawl Spaces

The Power of Platinum

- Platinum R5 achieves higher R-Values in a thinner profile making it ideal for space-constrained applications and minimizing shipping expenses.
- Long-term stable R-Values that increase with colder temperatures.
- Platinum R5 is eligible to receive a 20-year thermal warranty that covers 100% of the stated R-Value.
- Provides long-term moisture management - Platinum R5 is breathable and does not readily absorb water.
- Available in custom sizes, compressive strengths and job-specific quantities.
- Material cost savings over other premium rigid insulations.
- Code recognized: ULEX 14313, meets HUD requirements and NFPA 285 tested (cavity walls).

PLATINUM POWERED INSULATION



Typical Tested Physical Properties of Platinum R5 Insulation*

Property		Type I	Type VIII	Type II	Type IX	Test Method
Nominal Density (pcf)		1.00	1.25	1.50	2.00	
Thermal Resistance** (R-Value)	°F·ft ² ·h/BTU (°C·m ² /W) at 75° F	5.0	5.0	5.0	5.0	ASTM C177
	°F·ft ² ·h/BTU (°C·m ² /W) at 40° F	5.2	5.2	5.2	5.3	ASTM C177
	°F·ft ² ·h/BTU (°C·m ² /W) at 25° F	5.4	5.4	5.4	5.5	ASTM C177
Compressive Strength (psi, 10% deformation)		10	13	15	25	ASTM D1621
Flexural Strength (min. psi)		25	30	35	50	ASTM C203
Water Absorption (max. % by vol.)		1.1	1.1	1.1	1.1	ASTM C272
Water Vapor Permeance (max. perm. ng/Pa·s·m ²)		4.0	3.1	3.1	2.5	ASTM E96
Flame Spread Index			5			ASTM E84
Smoke Developed Index			25			ASTM E84

* Properties are based on data provided by resin manufacturers, independent test agencies and Insulfoam.
 ** R5 board is 1.06" thick.

Installation Recommendations

Please refer to the appropriate Insulfoam Platinum installation guidelines for recommended installation procedures, available at www.insulfoam.com or by asking your local representative.

