

R-Tech Platinum R5 insulation is a revolutionary faced 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, R-Tech Platinum R5 combines factory laminated specially-treated metalized polymeric facer and premium insulation into one product. This creates a semi-vapor permeable (breathable) shield to efficiently meet the latest building and energy code requirements for continuous insulation.

R-Tech Platinum R5 exhibits a stable, non-degrading R-Value over the life of the product. In addition, R-Tech Platinum R5 helps manage moisture making it an ideal insulation for builders.

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

- Specialty proprietary factory-laminated facers coupled with a Platinum foam core create a breathable rigid insulation.
- The R-Tech facers make the product more misuse and abuse resistant and provide better job site handling.
- R-Tech 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.
- R-Tech Platinum R5 is eligible to receive a 20-year thermal warranty that covers 100% of the stated R-Value.
- R-Tech Platinum R5 does not readily absorb moisture.
- Available in custom sizes, compressive strengths and job-specific quantities.
- Code recognized: ULEX 14313, meets HUD requirements and NFPA 285 tested (cavity walls).

PLATINUM POWERED INSULATION



Typical Tested Physical Properties of R-Tech Platinum R5*

Property		R-Tech Platinum	R-Tech Platinum X	R-Tech Platinum IV	Test Method
Thermal Resistance** (R-Value)	°F-ft ² -h/BTU (°C·m ² /W) at 75° F	5.0	5.0	5.0	
	°F-ft ² -h/BTU (°C·m ² /W) at 40° F	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	
Compressive Strength (psi, 10% deformation)		13	20	28	ASTM D1621
Flexural Strength (min. psi)		33	50	70	ASTM C203
Water Absorption (max. % by vol.)		<1.0	<1.0	<1.0	ASTM C272
Water Vapor Permeance (max. perm. ng/Pa·s·m ²)			> 1.1		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.
 ** R-Tech Platinum R5 board is 1.06" thick.

Installation Recommendations

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

