

PLATINUM

GPS SHEATHING INSULATION

Endless Construction Applications

Platinum Insulation is a revolutionary Graphite Polystyrene (GPS) insulation product that can be used as a premium high R-Value rigid insulation.

Made from Insulfoam's GPS with Neopor®, Platinum Insulation delivers impressive R-Values. A truly ideal insulation material, Platinum helps manage moisture because it sheds bulk water.

Ideal for residential construction, Platinum insulation provides high insulating power at lower cost and reduced thicknesses. Additionally long-term stable R-Values are a key benefit of Platinum products, as they do not suffer from thermal drift. In fact, Platinum comes with a 20-year thermal warranty for 100% of its R-Value.

The Science Behind Platinum:

R-Values, Moisture Management & Durability

Insulfoam Platinum GPS products are made with a polymer matrix (Neopor® from BASF) containing graphite, which reflects radiant heat energy like a mirror, increasing Platinum insulation's resistance to the flow of heat - also known as R-Value. The higher the R-Value the more efficient the insulation is in slowing the heat transfer.

A higher R-Value should cost more, right? Not with Platinum GPS. The graphite polystyrene base is also extremely lightweight and uses less raw material than other premium insulations, so the product is both thinner and lighter (think fast install). GPS itself is virtually immune to moisture effects. The cost for all of this? A price point lower than that of other premium rigid insulations. This is one product you'll turn to time and time again.

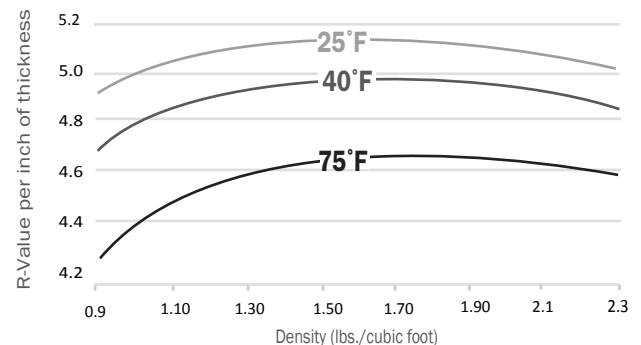


Powerful Insulation

- Versatile & stable rigid insulation
- Adaptable in size, thickness, shape and density
- R-Values power up when it gets cold outside
- GPS achieves premium R-Values in a thinner product
- The perfect gatekeeper for managing moisture
- Meets or exceeds ASTM C578 specifications

The Power of Graphite:

Ramps up R-Values, Especially when it gets colder outside!



INSULATION ENGINEERED TO MAKE A DIFFERENCE.

Proven Performance: As the industry's leader in EPS insulation, Insulfoam has more than 50 years of manufacturing & customer service expertise.

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Typical Physical Properties

Property	Type I	Type VIII	Type II	Type IX	Test Method
Density (Nom. pcf.)	1.00	1.25	1.50	2.00	ASTM C518
R-Value/ In. @ 25° F @ 40° F @ 75° F	5.1	5.1	5.1	5.2	ASTM C518 or ASTM C177
	4.9	4.9	4.9	5.0	
	4.7	4.7	4.7	4.7	
Compressive Strength (psi, 10% deformation)	10-14	13-18	15-21	25-33	ASTM D1621
Flexural Strength (Min. psi.)	25	30	35	50	ASTM C203
Water Absorption (Max. % by vol.)	4.0	3.0	3.0	2.0	ASTM C272

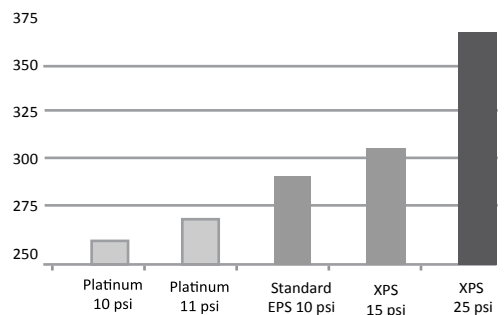
Properties are based on ASTM C518 plate testing and data provided by resin manufacturers' testing.

The Power of Platinum

- Higher R-Value for the same thickness
- Ideal for space constrained areas
- Exceptional for long-term moisture management
- Extremely stable R-Values
- Strongest product warranty
- Significant material cost savings
- Labor installation savings
- Code Compliant

Achieve the same R-Values with Less

Mass of R-5 continuous insulation using rigid



This chart illustrates the mass in lbs. of various R-5 rigid insulation materials required for a typical 2,000 sf building.

Platinum GPS is your best choice for a durable premium insulation

Engineered for Versatility

- Available in 1" - 40" product thicknesses
- Cut to virtually any size, shape and thickness up to 40"

Cost-Effective

- 20-30% less material cost over other premium rigid insulations
- Lightweight insulation lowers shipping costs and speeds installation time
- Reduce building operating costs by 20-30% simply by choosing premium insulations like Platinum GPS

Environmentally Sustainable

- Do not contain ozone-depleting chemicals
- Non-toxic, inert and 100% recyclable
- Do not support mold or mildew growth for improved indoor air quality (IAQ)
- Insect resistant treatments available
- Insulation is naturally water resistant and does not readily absorb moisture

Code Compliant

- Meets HUD Specifications
- UL Laboratories Classified
- UL Evaluation Report:

