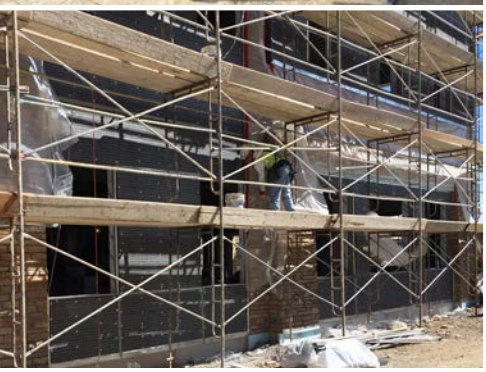






Insulfoam® Platinum

Premium Insulation Board

Platinum GPS rigid insulation features all the benefits of conventional EPS – stable R-value, moisture resistance and labor savings – with a higher R-value in the same thickness. Visible in its rich grey color, graphite particles within Platinum GPS enhance R-value, by both reflecting and absorbing radiant energy. And it performs even better the colder the temperature. Since Platinum GPS does not experience thermal drift like other rigid insulation material it's an ideal value-added insulation for various construction applications.

APPLICATIONS

- Continuous Insulation (CI)
- Exterior Insulation Finish Systems (EFIS)
- Traditional and One-Coat Stucco Systems
- Below Grade Walls
- Cavity Walls
- Roofing Insulation

THE POWER OF PLATINUM

- Achieve 20% higher R-value per inch than standard EPS
- Achieve the same R-value per inch as EPS with approximately 20% less material
- R-value increases as outside temperatures decrease
- Ideal for space, or assembly constrained applications where reduced thickness is valued
- All the benefits of conventional EPS: stable R-value, moisture resistance, quick drying structure, and labor savings options

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	ASTM C303
Thermal Resistance** (R-Value)	°F·ft²·h/BTU (°C·m²/W) at 75° F	5.0	5.0	5.0	5.0	ASTM C518
	°F·ft²·h/BTU (°C·m²/W) at 40° F	5.2	5.2	5.2	5.3	ASTM C518
	°F·ft²·h/BTU (°C·m²/W) at 25° F	5.4	5.4	5.4	5.5	ASTM C518
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·m²)		4.0	3.1	3.1	2.5	ASTM E96
Flame Spread Index		5				ASTM E84
Smoke Developed Index		25				ASTM E84

Typical Tested Physical Properties of Platinum R10 Insulation*

Property		Type I	Type VIII	Type II	Type IX	Test Method
Nominal Density (pcf)		1.00	1.25	1.50	2.00	ASTM C303
Thermal Resistance** (R-Value)	°F·ft²·h/BTU (°C·m²/W) at 75° F	10.0	10.0	10.0	10.0	ASTM C518
	°F·ft²·h/BTU (°C·m²/W) at 40° F	10.4	10.4	10.4	10.6	ASTM C518
	°F·ft²·h/BTU (°C·m²/W) at 25° F	10.8	10.8	10.8	11.0	ASTM C518
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·m²)		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. R10 board is 2.13" thick.
*** Based on nominal 1" thickness.

Installation Recommendations

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

INSULFOAM® A CARLISLE COMPANY

Insulfoam.com
800.248.5995
19727 57th Ave. E. Puyallup, WA 98375

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