T&G STUCCO BOARD

INSULATION POWERED BY GRAPHITE.

R-Shield® MAX is a next generation insulation product with a maximum R-value powered by graphite. R-Shield MAX is a premium grade insulation manufactured to provide architects, specifiers, distributors, and contractors all the features and benefits inherent in a high quality insulation.

- High R-value that never changes and is stable over time
- Range of compressive strength of 10, 15, or 25 psi
- Closed cell insulation with superior moisture resistance
- High drying potential to rapidly release absorbed moisture

Powered by Graphite.

R-Shield MAX is comprised of many small pockets of air within a polymer matrix containing graphite. The graphite reflects radiant heat energy like a mirror, increasing the material's resistance to heat flow or R-value.

Strength/R-value.

R-SHIELD® MAX	R-value[1]		Compressive Strength[2], psi
	75°F	40°F	
100	5.0	5.2	10
150	5.0	5.2	15
250	5.0	5.3	25

[1] R-value units are °F·ft²·h/Btu and are based on 1-1/16" thickness.
[2] Compressive strength @ 10% deformation.

R-Shield MAX is available in a wide range of standard R-values and thicknesses to meet your needs.

R-5, R-7.5, R-10, R-15, R-20

Product thicknesses for standard boards are provided in the R-Shield MAX Thickness & R-value. Project requirements vary, so R-Shield MAX can be ordered in any R-value thicknesses to meet your needs.

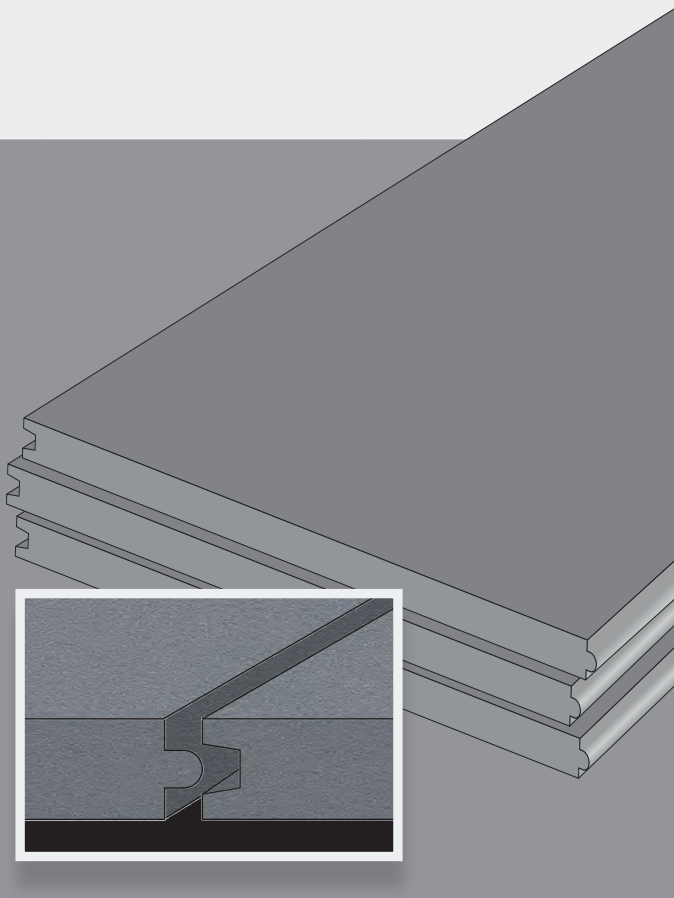
Proven to meet, or exceed, building codes.

R-Shield MAX is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40361-01. R-Shield MAX meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".

Sizes and Options.

R-Shield MAX T&G is available in a standard 1" thickness to meet most needs. R-Shield PLUS+ T&G is typically provided in 2' x 8' or 4' x 8' boards with front side indentations for improved mechanical bonding of stucco.

R-SHIELD® MAX



FOAM FACTS:

R-Shield MAX outperforms XPS.

- R-Shield MAX powered by graphite provides a stable long-term high R-value at a lower cost
- R-Shield MAX uses a blowing agent with 10 x lower global warming potential and 10,000 x lower ozone depletion
- R-Shield MAX meets strength requirements at a lower cost
- R-Shield MAX and XPS have resistance to moisture, but R-Shield MAX has a higher vapor permeance leading to superior drying potential
- R-Shield MAX with termite treatment available to provide termite resistance

NEXT GENERATION INSULATION POWERED BY GRAPHITE

Performance Value.

When you consider all performance characteristics and cost, R-Shield MAX Powered by Graphite is your best choice for high R-value next generation insulation.

R-Shield MAX has air in its closed cells and therefore has a stable R-value. Many other insulations use blowing agents that cause R-value loss and are harmful to the environment.

R-Shield MAX has compressive strength to meet specific project requirements.

R-Shield MAX is manufactured to resist moisture absorption in wetting conditions and release absorbed moisture quickly during drying periods, which means R-Shield MAX maintains R-value.

Termite Resistant.

One of the most destructive forces anywhere is termites. R-Shield MAX can be manufactured with a proven and safe additive, that effectively resists termites.

R-Shield MAX is treated to meet ICC ES AC239, “Acceptance Criteria for Termite-Resistant Foam Plastics”.

Recyclable.

After it’s life as a building insulation, R-Shield MAX is 100% recyclable. It can be ground into granules and reincorporated into new R-Shield MAX products or it can be thermally processed into a resin that’s used to manufacture other new products.

Ready to take control? Start here.

If you’re ready to have R-Shield MAX contribute to your next project, just contact your Premier Building Systems Technical Sales Representative. They will be happy to give you design consultation, information about R-Shield MAX products, pricing, and answers to all of your questions.

A PRODUCT OF PREMIER® BUILDING SYSTEMS

R-SHIELD® MAX

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