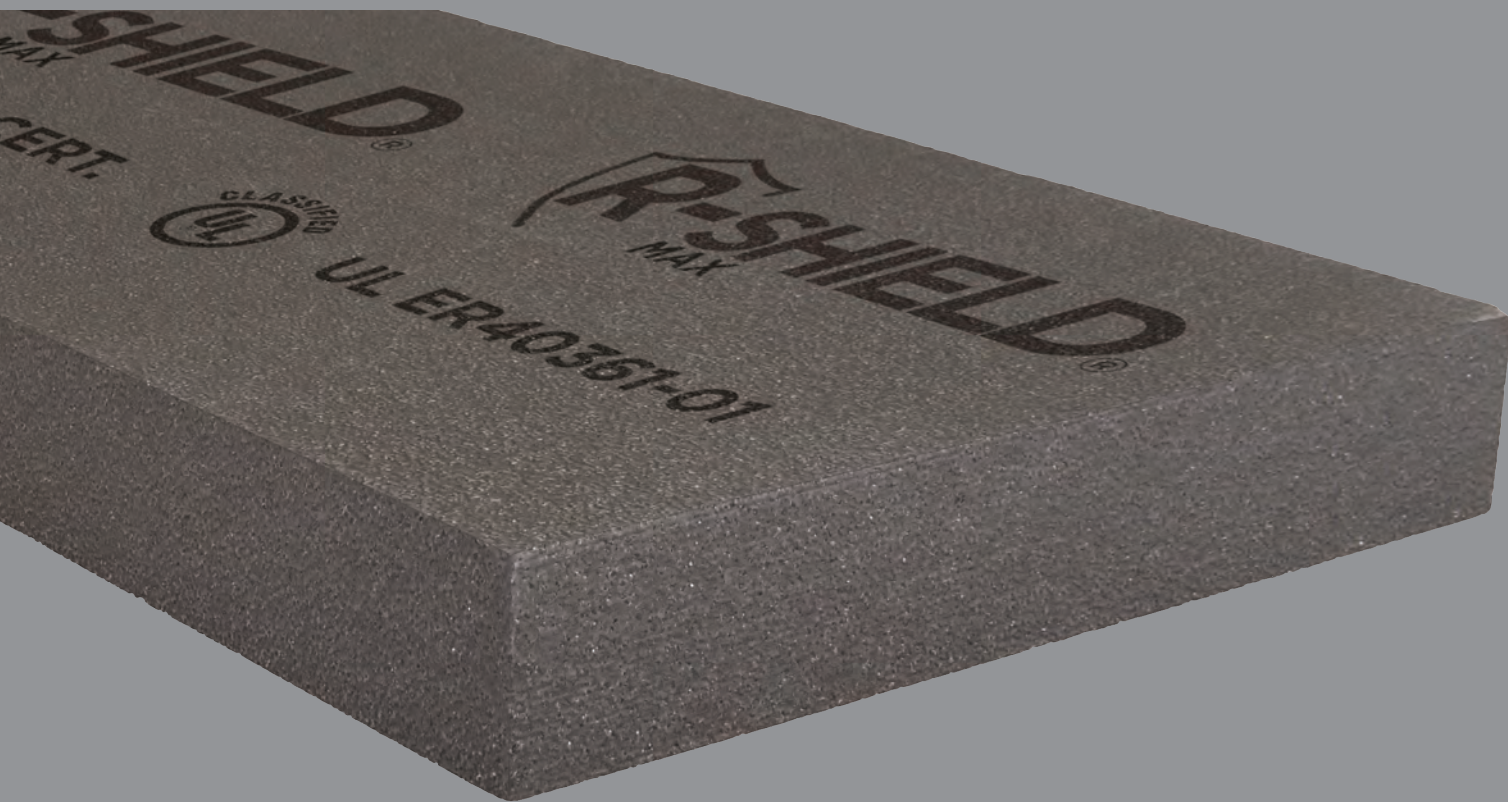
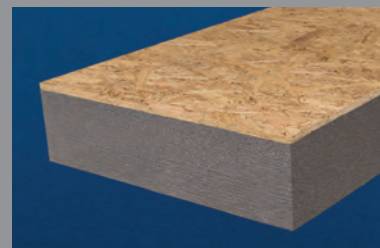


R-SHIELD[®]

MAX



**INSULATION POWERED
BY GRAPHITE**

R-SHIELD® MAX PERFORMS IN ALL APPLICATIONS

Applications.


R-Shield MAX is used in a wide range of critical insulation applications: Cavity Wall, Wall Sheathing, EIFS, Stucco, Crawl Space, and Precast Concrete Core. All of these applications benefit from the exceptional physical properties and wide range of board thicknesses, sizes, and options available with R-Shield MAX.

R-Shield MAX is engineered to give you the greatest possible control over your project application: from design and time-lines, to material cost, and ultimately, control over your results:

- Cavity Wall
- Wall Sheathing
- EIFS
- Stucco
- Crawl Space
- Precast Concrete Core

WITH R-SHIELD MAX, YOU'RE IN CONTROL OF YOUR MATERIALS.

R-value/Strength.

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

¹ R-value based on 1 1/8" 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, R-30

Product Protection.

R-Shield MAX can be damaged by prolonged direct sunlight exposure or by reflected sunlight. R-Shield MAX must be protected during storage, transportation, and at the project with a light colored opaque material. Please refer to the R-Shield MAX Handling Instructions.

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".



Sustainability.

R-Shield MAX reduces energy use in buildings, helping protect our environment. Well insulated buildings perform better and improve the environment. Life Cycle Analysis (LCA) has shown significant energy savings and substantial reductions in greenhouse gas emissions with the use of R-Shield MAX.

The use of R-Shield MAX in building construction helps earn credits for green building initiative programs, such as LEED Certification. R-Shield MAX does not use ozone depleting blowing agents and is recyclable.

FIFTY YEAR R-VALUE WARRANTY, REGARDLESS OF THICKNESS OR APPLICATION - THE WARRANTY COVERS IT!



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.

R-SHIELD MAX

Next generation insulation powered by graphite®

R-Shield MAX is a next generation insulation product line 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.

R-value – R-Shield MAX has a maximum R-value that never changes over time.

Strength – R-Shield MAX comes in compressive strengths of 10, 15, and 25 psi.

Moisture Resistance – R-Shield MAX is a closed cell polystyrene insulation and is resistant to moisture gain.

Vapor Permeable – R-Shield MAX allows moisture vapor to move through its structure.

Drying Potential – R-Shield MAX rapidly releases absorbed moisture.

R-SHIELD MAX - USING THE POWER OF GRAPHITE.

R-Shield MAX is a graphite polystyrene rigid foam insulation that delivers maximum energy efficiency, cost-effectiveness and sustainability. Planners, architects, contractors and builders benefit from R-Shield MAX because of the special advantages this material offers.

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.

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".



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**

Product Availability and Support.

R-Shield MAX is supported by a team of experts who work with you to answer your questions, offer solutions, and do everything they can to make sure your project goes smoothly and ends successfully.

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. We 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



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