R-SHIELD[°] 130

TECH DATA

INSULATION POWERED BY GRAPHITE

R-Shield[®] MAX 130 is a next generation insulation product line with a maximum R-value powered by graphite. R-Shield MAX 130 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 130 has a maximum R-value that never changes over time.

Strength – R-Shield MAX 130 comes in compressive strengths of 13 psi.

Moisture Resistance – R-Shield MAX 130 is a closed cell polystyrene insulation and is resistant to moisture gain.

Vapor Permeable – R-Shield MAX 130 allows moisture vapor to move through its structure.

Drying Potential – R-Shield MAX 130 rapidly releases 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.

Applications.

- Cavity Wall
- Wall Sheathing
- Precast Concrete Core
- Flat/Tapered Roofing
- Plaza Deck/Vegetative Green Roof
- Perimeter/Underslab
- Drainage Board

PRODUCT OF

REMIER

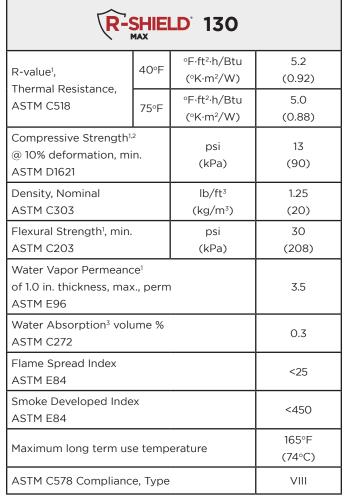
• Waterproofing Protection

Proven to meet, or exceed, building codes.

R-Shield MAX 130 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 130 meets Type VIII of ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



- 1 Please refer to ASTM C578 specification for complete information. R-values are based on 1-1/ $_{\rm 16}$ thickness.
- ² Compressive strength is measured at 10 percent in accordance with ASTM C578. A safety factor is required to prevent long-term creep for sustained loads. For static loads, a safety factor of 3:1 is recommended.
- 3 ASTM C272 24 hour immersion followed by 24 hour storage in 75°F/50%RH air.

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.



www.rshieldinsulation.com | 800-766-3626