R-SHIELD[®] 150

TECH DATA

Expanded Polystyrene Insulation.

R-Shield[®] expanded polystyrene insulation is a cost effective, durable, and energy efficient solution for all types of insulation applications. R-Shield Insulation is an insulation manufactured to provide architects, specifiers, distributors, and contractors all the features and benefits inherent in a quality insulation.

R-value – R-Shield 150 has an R-value that never changes over time.

Strength - R-Shield 150 has a compressive strength of 15 psi.

Moisture Resistance – R-Shield 150 is a closed cell polystyrene insulation and is resistant to moisture gain.

Vapor Permeable – R-Shield 150 allows moisture vapor to move through its structure.

Drying Potential – R-Shield 150 rapidly releases absorbed moisture.

Applications.

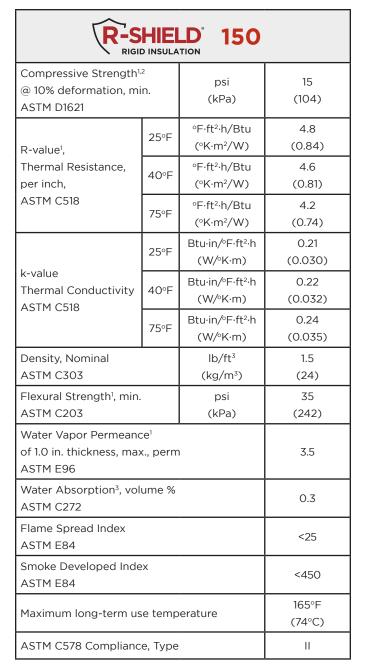
- Cavity Wall
- Wall Sheathing
- Precast Concrete Core
- Flat/Tapered Roofing
- Plaza Deck/Vegetative Green Roof
- Perimeter/Underslab
- Drainage Board
- Waterproofing Protection

Proven to meet, or exceed, building codes.

R-Shield insulation is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40361-01 and ICC ESR-4743.



R-Shield insulation meets Type II of ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



¹ Please refer to ASTM C578 specification for complete information.

- 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 OF

REMIER

www.rshieldinsulation.com | 800-766-3626

Copyright \odot 2022. R-Shield is a registered trademark of Premier Building Systems. RSI 02-150 08/22