

TECH DATA

SHIELD 130

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 130 has an R-value that never changes over time.

Strength - R-Shield 130 has a compressive strength of 13 psi.

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

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

Drying Potential – R-Shield 130 rapidly releases absorbed moisture.

Applications.

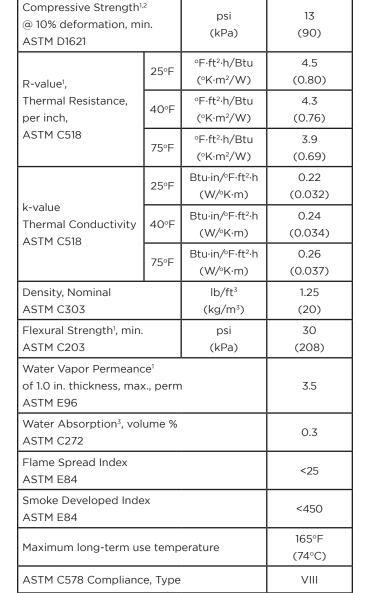
- · Cavity Wall
- Wall Sheathing
- Precast Concrete Core
- Flat/Tapered Roofing
- · Plaza Deck/Vegetative Green Roof
- · Drainage Board
- · Waterproofing Protection

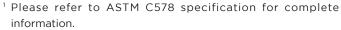
Proven to meet, or exceed, building codes.

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 VIII of ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".





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.