

TECH DATA

Film-Faced Expanded Polystyrene Insulation.

R-Shield® PLUS is a film-faced air barrier and weather resistive insulation used for all types of construction applications. Typical applications for R-Shield PLUS 100 include commercial roofing, exterior sheathing, building perimeters, under concrete slabs, garage doors, coolers and freezers, industrial piping and tanks, and protective packaging.

Proven to meet, or exceed, building codes.

R-Shield PLUS 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 PLUS complies with Building Code requirements for:



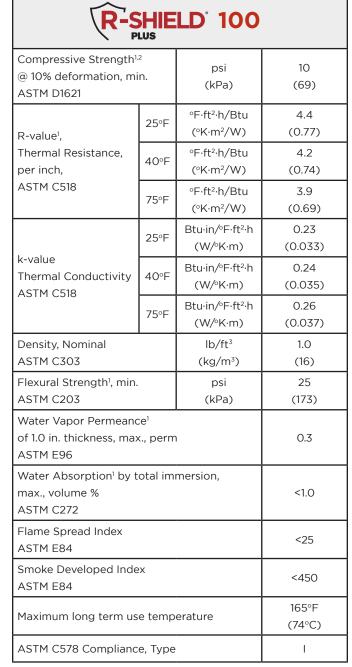
- ASTM C578, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation
- ASTM E331, Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
- ASTM E2178, Standard Test Method for Air Permeance of Building Materials.

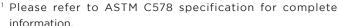
Advantages.

- Film-faced for toughness
- Air Barrier
- Weather Resistive Barrier
- Superior moisture resistance
- · Low water vapor permeability
- No CFC, HCFC, HFC, or formaldehyde
- No long-term R-value loss or thermal drift.

Stands up to the weather.

When tested in accordance with ASTM C1512, "Standard Test Method for Characterizing the Effect of Exposure to Environmental Cycling on Thermal Performance of Insulation Products," EPS maintains its R-value and strength after severe exposure to freeze-thaw cycles.





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.



