

ROOF INSULATION Fact Sheet



R-VALUE

Expanded Polystyrene (EPS) can meet any R-Value requirements and is guaranteed to be at or above.

LTTR



Polyiso and XPS R-Values decrease over time due to off-gassing. EPS R-Value stays constant and stable.

Cold Weather

As the Weather gets colder



Polyiso's R-Values decrease in cold weather when you need it the most. EPS's R-values actually increase in colder weather.

The Numbers

DuraSpec125 Roof Insulation
4.2 R/inch @ 75°
4.6 R/inch @ 40°

Polyiso Roof Insulation
5.0 R/inch
In-Service R-Value
Northern Climates

Value Engineering

Polyiso

1" x 4' x 8'
\$12.10
R 5.0

7.5 ¢

EPS

4.5 ¢

1" x 4' x 8'
\$4.87
R 4.2

Cost Per R-Value Board Foot
67% More

Advantage

Polyiso

EPS

Safe Blowing Agent
No Chemical Off-gassing
Moisture Management
Dimensional Stable
Superior Design Flexibility
Stable R-Value
Cost Value
Resists Insects
Recyclable
Made in Wisconsin



EPS Direct over Metal Roof Decks



UL Listed Construction Assembly #458

EPS (Expanded Polystyrene) Direct over Metal Roof Decks eliminates the use of costly and labor intensive thermal barriers on projects where metal roof decks are used.