

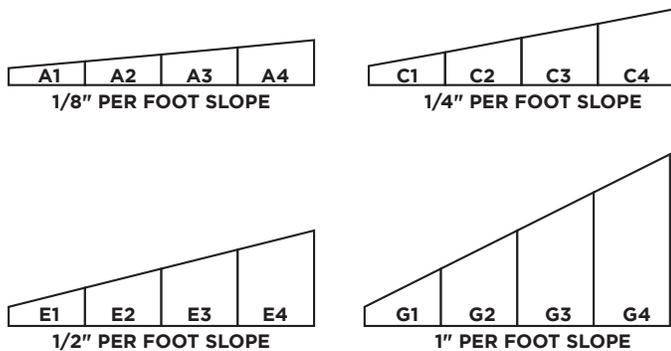
# TAPERED ROOFING

## Molded Polystyrene Insulation.

R-Shield® tapered roofing insulation is a cost-effective, durable and energy efficient solution for roof insulation. R-Shield tapered roofing insulation provides the positive drainage necessary for commercial roofing systems. R-Shield insulation is compatible with all major roofing materials and assemblies.

- Cost effective roof insulation
- R-value that never changes and is stable over time
- Range of compressive strength available
- Provides economical one-step tapered roof system
- Custom crickets and saddles are fast to install

## Sample Tapered Cross Section.



R-Shield is available in a wide range of R-values and thicknesses to meet your needs. Product thicknesses are provided in the R-Shield Thickness Selector. Project requirements vary, so R-Shield can be ordered in any R-value thicknesses to meet your needs.

## Proven to meet, or exceed, building codes.

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



## Sizes.

R-Shield tapered insulation is available in 4' x 4' and 4' x 8' panels with thickness from 1/2" to 24" in a single layer. There are no limitations to available slope per foot.

Cricket and Saddles.

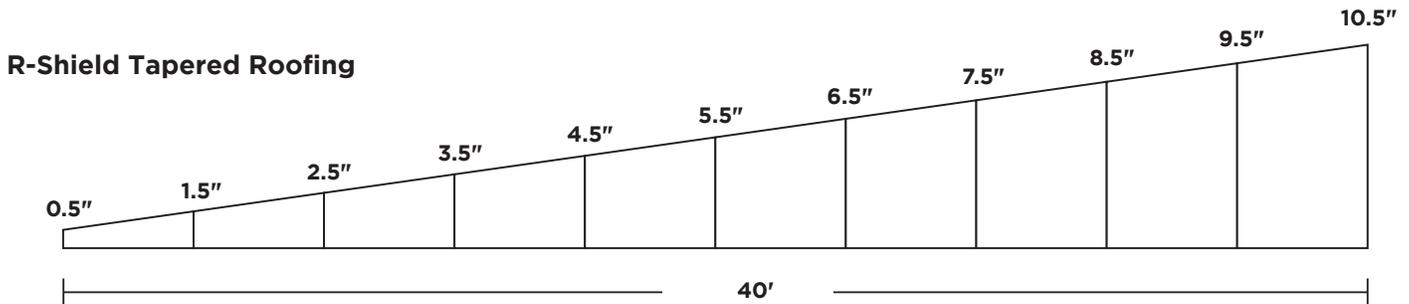
R-Shield tapered insulation is also available in factory cut cricket and saddle configurations.



## FOAM FACTS:

### R-Shield outperforms XPS.

- R-Shield provides a stable long-term R-value at a lower cost
- R-Shield uses a blowing agent with 10 x lower global warming potential and 10,000 x lower ozone depletion
- R-Shield meets strength requirements at a lower cost
- R-Shield and XPS have resistance to moisture, but R-Shield has a higher vapor permeance leading to superior drying potential



#### Performance Value.

When you consider all performance characteristics and cost, R-Shield is your best choice for foam insulation.

R-Shield has air in its closed cells and therefore has a stable R-value. Many other insulations use blowing agents that cause R-value loss and are harmful to the environment.

R-Shield has compressive strength to meet specific project requirements.

R-Shield is manufactured to resist moisture absorption in wetting conditions and release absorbed moisture quickly during drying periods, which means R-Shield maintains R-value.

#### Termite Resistant.

One of the most destructive forces anywhere is termites. R-Shield can be manufactured with a proven and safe additive, that effectively resists termites.

R-Shield is treated to meet ICC ES AC239, "Acceptance Criteria for Termite-Resistant Foam Plastics".

#### Recyclable.

After its life as a building insulation, R-Shield is 100% recyclable. It can be ground into granules and reincorporated into new R-Shield products or it can be thermally processed into a resin that's used to manufacture other new products.

#### Ready to take control? Start here.

If you're ready to have R-Shield contribute to your next project, just contact your Premier Building Systems Technical Sales Representative. They will be happy to give you design consultation, information about R-Shield products, pricing, and answers to all of your questions.

A PRODUCT OF  
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