

INSULFOAM[®]
A **CARLISLE** COMPANY



Boost Productivity

with Insulfoam[®] EPS Commercial Roof Insulation



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An increase in labor costs, coupled with a shortage of workers, continues to deliver a hit to professional roofers' bottom lines. To overcome these problems and help boost profits, savvy roofers are employing product solutions that reduce roof insulation labor and material costs, while still providing a well-insulated roof assembly. Insulfoam offers a range of options that helps roofers reduce labor and material costs.

Tapered Insulation

Insulfoam Tapered Insulation is up to 30% less expensive than other tapered systems. It is available in large blocks up to 40 inches thick and can be cut to satisfy virtually any slope in six different densities. These customization capabilities allow for achieving the desired R-value without the added material or labor costs typically associated with multiple layers of insulation material. With panels available in 4' x 4' or 4' x 8' sizes, these ultra-lightweight factory-cut blocks can quickly be adhered to or mechanically fastened to a roof deck with minimal effort. The added benefit of different panel sizes and thicker pieces allows for a faster installation. The level of customization available reduces the amount of material waste and supports cost savings, which again supports labor savings and accelerates a project's timeline. For custom and intricate projects, the Insulfoam Design Team can help create a customized layout to meet the project's specific needs, requirements, and limitations.

- Slopes starting at $\frac{1}{16}$ " per foot
- Choose from six different densities ranging from 1.0 lb. to 3.0 lb.
- Single layer of EPS up to 40" thick
- Composed of 98% air, tapered EPS is ultra-lightweight for added ease of installation.
- EPS offers Long-Term Thermal Resistance

Hybrid Insulation Systems

A hybrid roof system consists of a two-in-one system that strategically blends expanded polystyrene (EPS) rigid foam insulation with polyisocyanurate (ISO) rigid foam insulation to deliver an economical and reliable roofing solution. Not only does this two-in-one roofing solution afford high-performance, but the EPS insulation component significantly reduces project cost. There are two main types of hybrid systems. The first type of system would be to use EPS as a fill layer under the tapered ISO panels. The second type of system would be to use a tapered EPS system and then overlay it with a flat sheet of ISO.

Insulfoam Standard Taper Panels

$\frac{1}{16}$ " Slope; Ex: X1, X2, X3

$\frac{1}{8}$ " Slope; Ex: A1, A2, A3

$\frac{3}{16}$ " Slope; Ex: B1, B2, B3

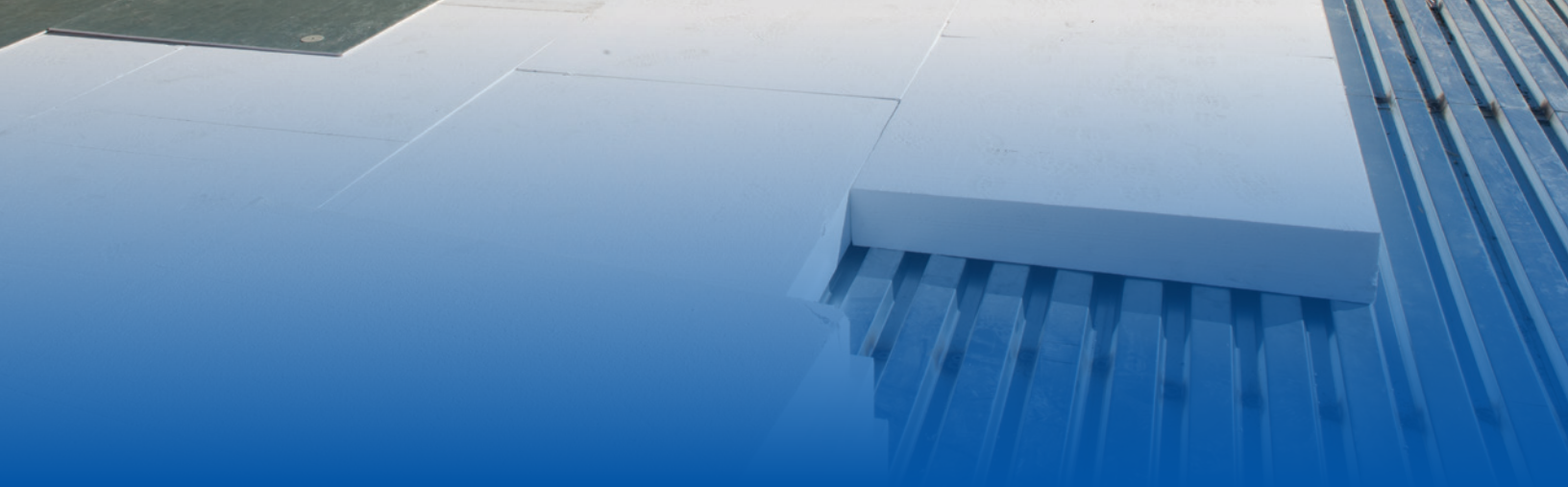
$\frac{1}{4}$ " Slope; Ex: C1, C2, C3

$\frac{3}{8}$ " Slope; Ex: D1, D2, D3

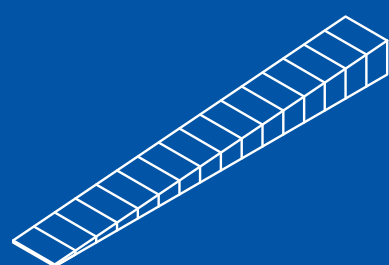
$\frac{1}{2}$ " Slope; Ex: E1, E2, E3

$\frac{3}{4}$ " Slope; Ex: F1, F2, F3

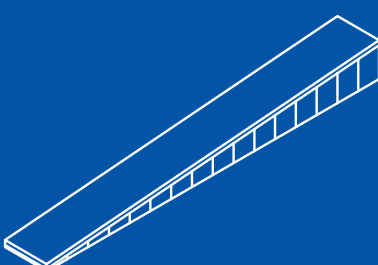
1" Slope; Ex: G1, G2, G3



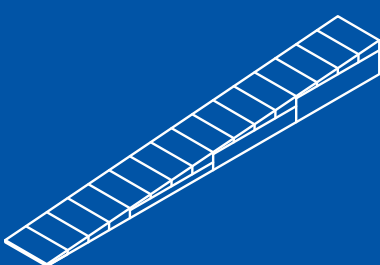
Insulation Systems



TYPICAL INSULFOAM
TAPERED SYSTEM



HYBRID SYSTEM –
ISO FLAT/EPS TAPERED



HYBRID SYSTEM –
ISO TAPERED/EPS FLAT FILL

R-TECH® FF Fanfold Bundles

R-Tech Fanfold bundles are made up of 4' by 50' sheets that have been scored every 2' for easy installation. Each bundle covers 200 square feet. The bundles weigh less than 11 pounds each, so it is easy for one person to carry two bundles. Two bundles easily unfold to cover up to 400 square feet per at one time.

R-Tech Fanfold bundles require fewer fasteners than other roof insulations and require about 60% fewer man hours to install than working with individual insulation sheets.

- Compatible with PVC, TPO & EPDM membranes
- Maintains existing roof system's UL Classification
- Lightweight - A full 2 square bundle weighs less than 11 pounds
- User friendly - lays flat and is easy to install



**Contact your Insulfoam® Sales Representative to
improve productivity on your next roofing projects.**

Insulfoam® is owned by Carlisle Weatherproofing Technologies (CWT), a Carlisle Companies Incorporated business. CWT is a leading supplier of building envelope solutions that effectively drive energy efficiency and sustainability in commercial and residential applications.



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