

INSULROOF^{FL}

CUSTOM FLUTE-FILL INSULATION

Description

InsulRoof FL (Flute-Fill) (InsulFoam FL) is a custom-made, engineered insulation consisting of a superior closed-cell, lightweight expanded polystyrene (EPS). InsulRoof FL is cut from the same high-quality EPS as our flat InsulRoof products and, upon request, will be manufactured to meet or exceed the requirements of ASTM C578, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation. InsulRoof FL offers a long-term, stable R-Value and has excellent dimensional stability, compressive strength and water resistance properties.

Uses

InsulRoof FL is specifically manufactured for use over standing seam metal roof systems that are to be re-covered with new roof systems. InsulRoof FL can be taper-cut or square-cut to fit in the bottom of the metal roof system's flutes. InsulRoof FL can also be profile-cut to match the shape of the existing metal roof. Consult local building codes and the new roof system manufacturer for system requirements.

Advantages

- **Versatile.** InsulRoof FL can be manufactured in a range of sizes, densities, thicknesses and profiles to meet any job-specific needs.
- **Cost Effective.** InsulRoof FL reduces concerns with flute spanability and minimizes the need for additional insulation. Minimizing the use of insulation above the flutes also reduces the possible need to raise curbs and other rooftop units.
- **Environmentally Friendly.** It does not contain any ozone-depleting blowing agents, may contain recycled material, and is 100% recyclable if ever removed or replaced.
- **Stable R-value.** The product's thermal properties will remain stable over its entire service life. There is no thermal drift, so the product is eligible for an Insulfoam 20-year thermal performance warranty.
- **Proven Performance.** EPS has been manufactured using the same chemistry since the mid-1950s, providing proven performance.
- **Water Resistance.** InsulRoof FL does not readily absorb moisture from the environment.



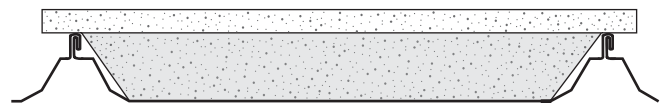
Sizes

InsulRoof FL is custom-manufactured for each specific application, and is readily available in a variety of lengths, widths and shapes to meet virtually any job condition.

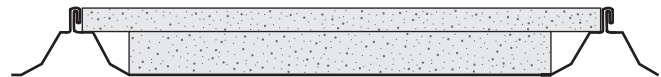
Typical Metal Roof Cross Sections



Square-Cut in Vertical Leg



Taper-Cut with InsulFoam SP



Square-Cut



Profile-Cut