

WeatherBond **EPS**

InsulFoam FL (Flute-Fill)



Overview

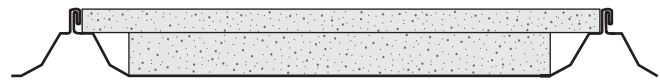
WeatherBond's InsulFoam FL (Flute-Fill) is a custom-made, engineered insulation consisting of a superior closed-cell, lightweight expanded polystyrene (EPS). InsulFoam FL is manufactured to meet or exceed the requirements of ASTM C578 Standard Specification for rigid, cellular polystyrene thermal insulation. InsulFoam FL can be manufactured in a range of sizes, densities, thicknesses and profiles to meet any job-specific needs.

Features and Benefits

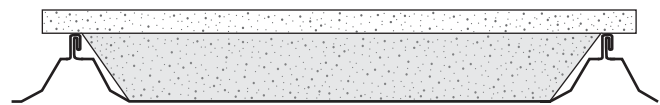
- InsulFoam FL does not contain any ozone-depleting blowing agents, may contain recycled material, and is 100% recyclable if ever removed or replaced.
- Stable R-Value: thermal properties will remain stable over the material's entire service life, no thermal drift.
- InsulFoam FL does not readily absorb moisture from the environment.

Product Characteristics

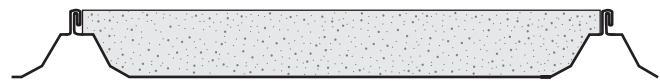
InsulFoam FL is custom-manufactured for each specific application, and is readily available in a variety of lengths, widths and shapes to meet virtually any job condition.



Square-Cut



Taper-Cut



Profile-Cut

Applications

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



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

TPO METAL RETROFIT WITH EPS FLUTE-FILL

	System 1	System 2	System 3	System 4
Deck	Metal Roof	Metal Roof	Metal Roof	Metal Roof
Flute-Fill	Type VIII EPS (1.25#max.)	Type VIII EPS (1.25#max.)	Type VIII EPS (1.25#max.)	Type VIII EPS (1.25#max.)
Cover Board	Min. 1" SecurShield/ Insulbase	½" SecurShield HD	Min. ¾" gypsum	Min. ¾" gypsum
TPO	45 mil, 60 mil, 80 mil	45 mil, 60 mil, 80 mil	45 mil, 60 mil	80 mil
Slope	½" max. (HS-1" max.)	½" max. (HS-1" max.)	3" max.	2.5" max.

1. Metal Roof: R-Panels, Standing seam panels, 26 MSB min coated steel

2. HS = High Slope TPO

PVC METAL RETROFIT WITH EPS FLUTE-FILL

	System 1	System 2	System 3
Deck	Metal Roof	Metal Roof	Metal Roof
Flute-Fill	Type VIII EPS (1.25#max.)	Type VIII EPS (1.25#max.)	Type VIII EPS (1.25#max.)
Cover Board	Polyiso (any thickness)	½" SecurShield HD	Min. ¾" gypsum
PVC	50 mil, 60 mil, 80 mil	50 mil, 60 mil, 80 mil	50 mil, 60 mil, 80 mil
Slope	1" max.	1" max.	Unlimited

1. Metal Roof: R-Panels, Standing seam panels, 26 MSB min coated steel

EPDM METAL RETROFIT WITH EPS FLUTE-FILL

	System 1	System 2	System 3
Deck	Metal Roof	Metal Roof	Metal Roof
Flute-Fill	Type VIII EPS (1.25#max.)	Type VIII EPS (1.25#max.)	Type VIII EPS (1.25#max.)
Cover Board	Polyiso (any thickness)	½" SecurShield HD	Min. ¾" gypsum
Reinforced	45 mil, 60 mil, 75 mil	45 mil, 60 mil, 75 mil	45 mil, 60 mil, 75 mil
Slope	½" max.	½" max.	3" max.

1. Metal Roof: R-Panels, Standing seam panels, 26 MSB min coated steel



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