

## FLUTE FILL

**Poly Molding Flute Fill is a void fill material meant to be laid over pre-existing metal roofs to provide a homogeneous and level foundation for the new roof system. Poly Molding Flute Fill is a premium, rigid, modified expanded polystyrene (EPS) insulation with closed cells molded in several densities to provide a range of compressive strengths. Also, Poly Molding's FLUTE FILL is manufactured to meet or exceed ASTM C578, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation**

## Advantages

- ◆ Superior compressive strength .
- ◆ Long term, stable R-Value .
- ◆ Energy efficient
- ◆ Water resistant : closed cell foam will not readily absorb moisture from the environment
- ◆ Mold, mildew, and insect resistant : An inert EPA approved insect repelling additive can be added during the manufacturing process to deter termites . EPS Insulation does not support mold or mildew growth .
- ◆ Code Approvals : EPS insulation is recognized by the International Code Council Evaluation Service (ICC-ES) and is manufactured from UL and FM approved raw materials .
- ◆ Environmentally Friendly : Contains no CFC, HCFC, HFC or Formaldehyde and is 100 % recyclable .
- ◆ Proven performance record : EPS products have been manufactured since the mid-1950 's using the same fundamental chemistry qualifies for LEED Credits .

## Sizes

- ◆ Poly Fold is available thicknesses of 3/8", 1/2" and 3/4" with the 4'x48' fan fold bundle (2 squares) . Individual panel sizes within the Poly Fold bundle are 2' x 4'.
- ◆ 1" thick is fanfold available upon request . For more information, please contact info@polymoldingllc .com .

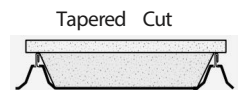
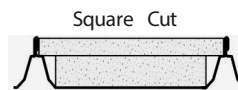
## Application

Poly Molding Flute Fill is custom cut with a square or tapered edge to fit any metal deck or steel roof design . To ensure a uniform and flat substrate, the product is either loosely placed or mechanically fastened on top of metal or steel roof .

## FLUTE FILL

PRODUCT		POLY10
ASTM C578 Classification		1
Density min.	lb./ft <sup>3</sup>	1.0
R-Value	25 ° F	4.4
	40 ° F	4.2
	75 ° F	3.9
Compressive Resistance @ 10% Deformation		10
Flexural Strength		25 psi
Water absorption Volume %		2.5
Flame spread		<25

### Profiles



"The future of expanded polystyrene"

🌐 [www.polymoldingllc.com](http://www.polymoldingllc.com)

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