

MARKETING ANNOUNCEMENT

Authorized Applicator



ID-2020-07

Carlisle Flute Fill Marketing Announcement

April 30, 2020

To: Carlisle SynTec Systems' Authorized Applicators

Carlisle SynTec Systems is pleased to introduce its EPS Flute Fill, a solution for standing seam metal roof retrofit projects. Carlisle's EPS Flute Fill provides a more cost-effective solution with shorter lead times than other flute fill products, is available in both straight- and bevel-cut versions, and ships from eight manufacturing facilities. A new Product Data Sheet (PDS) has been created as a convenient reference for this product.

Carlisle's EPS Flute Fill offers a variety of features and benefits, including:

- Up to a 50% cost reduction when compared to other solutions
- 1.0 lb straight- and bevel-cut available to meet all job requirements
- Shorter lead times when compared to other solutions
- Ships from eight plant locations

Substitution of EPS for other products is fairly straightforward. Code approval tables are provided on the next page of this announcement, as well as on the Carlisle EPS Flute Fill PDS, to assist in substituting EPS Flute Fill on your next metal retrofit project.

Product Code	Description	Truckload Qty (bft)	Shipping Locations
309890	1 LB EPS	≈ 37,000	Anchorage, AK Aurora, CO Chino, CA Dixon, CA Lakeland, FL Mead, NE Phoenix, AZ Puyallup, WA

If you have any questions, please contact your manufacturer's representative.

Sincerely,

Chad Buhrman – CCM Insulation Product Manager

Code Approval Tables - UL790 Class A rated assemblies

Mechanically-Fastened Membranes

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 I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)
Cover Board	min. 1" SecurShield™/ InsulBase	½" SecurShield HD	min. ¼" gypsum	min. ¼" 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. 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 I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)
Cover Board	Min. 1" SecurShield/InsulBase	½" SecurShield HD	min. ¼" 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

EPDM Metal Retrofit with EPS Flute-Fill			
	System 1	System 2	System 3
Deck	Metal Roof	Metal Roof	Metal Roof
Flute-Fill	Type I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)
Cover Board	Min. 1" SecurShield/InsulBase	½" SecurShield HD	min. ¼" 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.

Adhered Membranes

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 I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)
Cover Board	min. 1" SecurShield/ InsulBase	½" SecurShield HD	min. ¼" gypsum	min. ¼" gypsum
TPO	45 mil, 60 mil, 80 mil	45 mil, 60 mil, 80 mil	45 mil, 60 mil	80 mil
Slope	¼" max. (HS - ½" max.)	¼" max. (HS - ½" max.)	3" max. (HS - unlimited)	max. 2.5" (HS - unlimited)

1. 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 I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)
Cover Board	Min. 1" SecurShield/InsulBase	½" SecurShield HD	min. ¼" 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

EPDM Metal Retrofit with EPS Flute-Fill			
	System 1	System 2	System 3
Deck	Metal Roof	Metal Roof	Metal Roof
Flute-Fill	Type I EPS (1 lb)	Type I EPS (1 lb)	Type I EPS (1 lb)
Cover Board	Min. 1" SecurShield/InsulBase	½" SecurShield HD	min. ¼" gypsum
Non-reinforced	45 mil, 60 mil, 90 mil	45 mil, 60 mil, 90 mil	45 mil, 60 mil, 90 mil
Slope	½" max.	½" max.	Unlimited