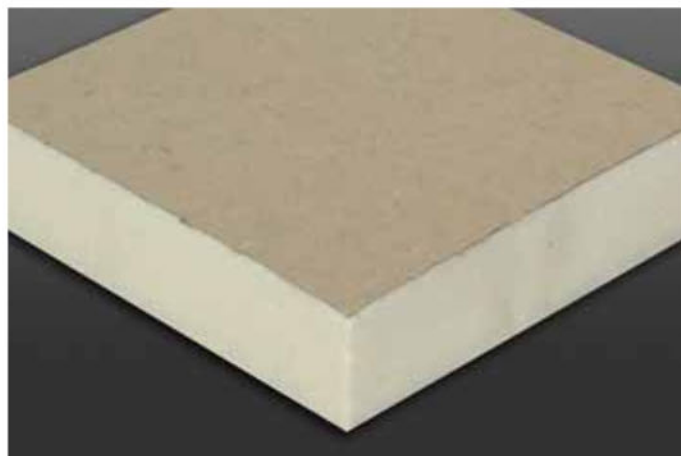


InsulBase® POLYISO

Insulation



Overview

InsulBase is a rigid-roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded on each side to glass-reinforced felt (GRF).

Features and Benefits

- » InsulBase polyiso insulation provides the highest R-value per inch of commercially available insulation products
- » Environmentally friendly construction with 0% ozone-depleting components and CFC free
- » Approved for direct application to steel decks

Panel Characteristics

- » Available in 4' x 4' (1220 mm x 1220 mm) and 4' x 8' (1220 mm x 2440 mm) panels in thickness of ½" (13 mm) to 4.5" (115 mm)

Applications

- » Single-Ply Roof Systems (Ballasted, Mechanically Attached, Fully Adhered)

InsulBase Polyiso Thermal Values

Thickness (inches)	Thickness (MM)	LTTR R-value	Flute Spanability
0.50	13	2.8	2 5/8"
1.00	25	5.7	2 5/8"
1.50	38	8.6	4 3/8"
2.00	51	11.4	4 3/8"
2.50	64	14.4	4 3/8"
3.00	76	17.4	4 3/8"
3.50	89	20.5	4 3/8"
4.00	102	23.6	4 3/8"
4.50	114	26.8	4 3/8"

Installation

Ballasted Single-Ply Systems

Each InsulBase panel is loosely laid on the roof deck. Butt edges and stagger joints of adjacent panels. Install the roof membrane according to Carlisle's specifications.

Mechanically Attached Single-Ply Systems

InsulBase panels must be secured to the roof deck with fasteners and plates (appropriate to the deck type). Butt edges and stagger joints of adjacent panels. Install the roof membrane according to Carlisle's specifications.

Fully Adhered Single-Ply Systems

InsulBase panels must be secured to the roof deck with fasteners and plates (appropriate to deck type). Butt edges and stagger joints of adjacent panels. Install the roof membrane according to Carlisle's specifications.

InsulBase 4' x 8' panels can be secured to the roof deck with Carlisle's FAST® Adhesive, either full coverage or bead spacing.

InsulBase 4' x 4' panels may be adhered to prepared concrete deck with a full mopping of Type III or IV asphalt.

Review Carlisle specifications and details for complete installation information.