

Technical Information Sheet



ADVANC-R® Vacuum Insulation Panel

Item Description	Item Number
Available Sizes:	
22.4" x 24" x 0.94" (570 x 610 x 24 mm) Panel	W56RACVIP22
22.4" x 48" x 0.94" (570 x 610 x 24 mm) Panel	W56RACVIP24

Description

ADVANC-R Vacuum Insulation Panels (VIPs) are installed in Elevate adhesive between two layers of Elevate ISOGARD™ HD board to form the VIP Insulation System. The R-Value of the VIPs is 66. The Elevate VIP Insulation System is a solution to meet increasing R-value requirements, while minimizing the roofing system’s profile.

Method of Application

1. Handle panels with extreme care to avoid puncturing/breaching the panels, which will render them unusable.
2. Fully adhere VIPs in approved Elevate insulation adhesive over a layer of ISOGARD HD. Place VIPs shiny side up.
3. Fully adhere a layer of ISOGARD HD in approved Elevate insulation adhesive over the VIPs.
4. Refer to VIP Panel System Application Instructions, available on the Elevate website, for detailed guidelines.

Storage

- Keep Structodek HD Fiberboard dry at all times.
- Elevate Structodek HD Fiberboard above the deck or ground.
- Cover Structodek HD Fiberboard with waterproof tarps.

Precautions

- Refer to Safety Data Sheet (SDS)
- Handle with extreme caution to avoid puncturing the panels.
- Do not install panels that have been breached (look for swelling of the panels). Remove any panels that are breached during installation. Dispose of breached panels.

LEED® Information

Recycled Content: 70%

Manufacturing Location: Thailand

September 18, 2024

Sales: (800) 428-4442 | Technical (800) 428-4511

TIS 955



NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties		
Property	Test Method	Typical Performance
Flame Spread Index	ASTM E84	Class A (15)
Smoke Development Index		Class A (10)
Density	ASTM C 1667	13.9 lb/ft ³ (222.7 kg/m ³)
Compressive Strength @ 25%	ASTM C 165	14.3 PSI (98.6 kPa)
R-Value	---	66 @ center of panel
Service Temperature	---	-40 °F – 140 °F (-40 °C – 60 °C)

NOTE: Other thicknesses available upon request as special orders

NOTE: Structodek is a registered trademark of Blue Ridge Fiberboard, Inc.

Please contact Holcim Technical Services at 800-428-4511 for further information.

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