INSULATION PRODUCTS





VERSICO
ROOFING SYSTEMS

BUILDING VALUE

VERSICO ROOFING SYSTEMS:
BUILDING VALUE

Welcome to the pinnacle of roofing innovation — Versico Roofing Systems' comprehensive selection of roofing insulation.

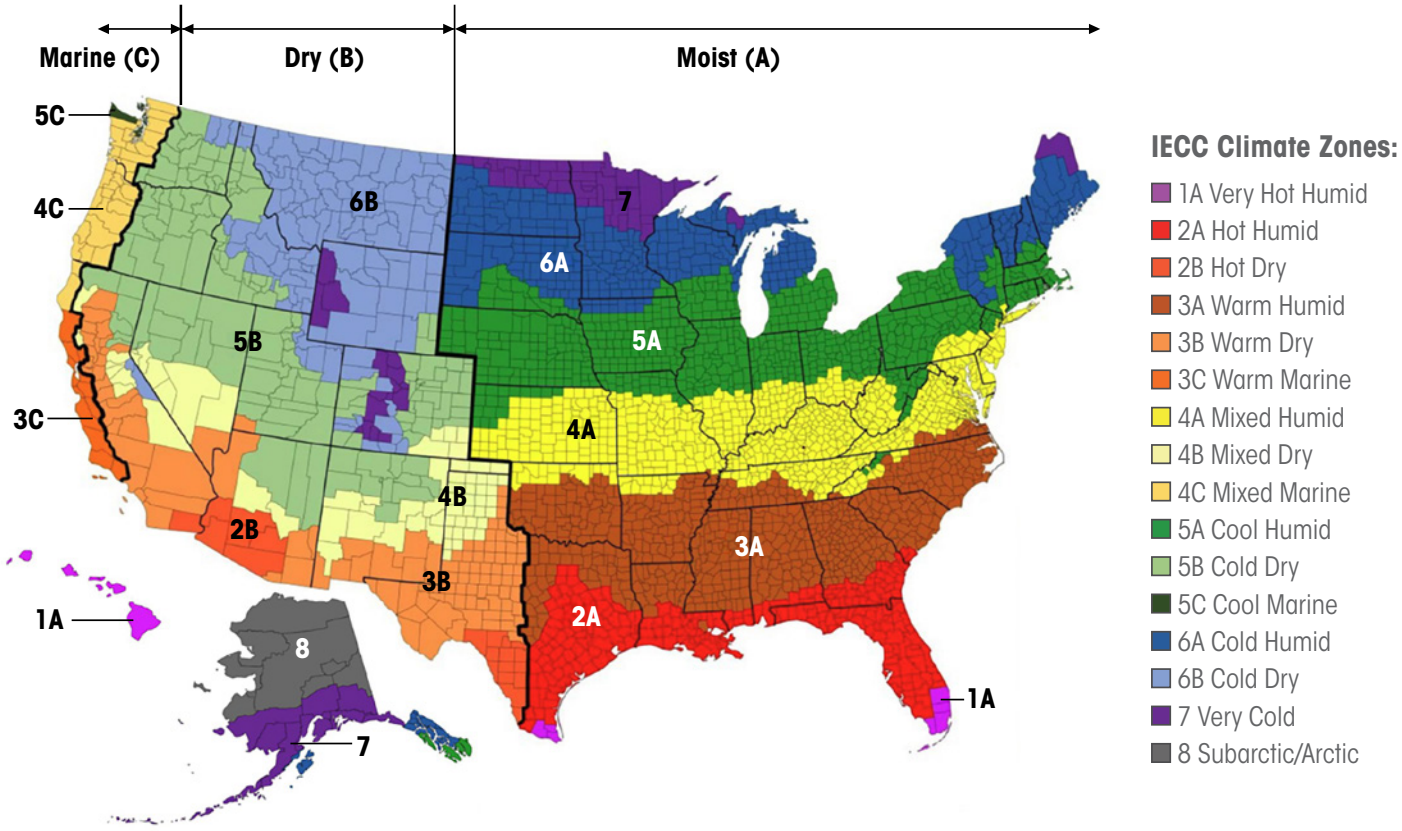
The Versico insulation lineup features high-performance products manufactured to meet diverse roofing needs, including energy-efficient solutions for buildings in any region or climate, thermal and moisture resistance, and outstanding energy savings.

Engineered to help roofing systems perform longer and contribute to overall energy efficiency, Versico insulation strengthens roofing assemblies and provides long-term protection.

With a range of specialized solutions, it is easy for building professionals to match the right insulation to the demands of each project — no matter how straightforward or complex.

The International Energy Conservation Code (IECC) sets the minimum efficiency standards for new construction for both residential and commercial buildings. Its aim is to ensure buildings are designed and constructed to minimize energy consumption and promote resource conservation over a building's lifespan. The IECC uses the ASHRAE climate zone map to determine minimum R-values.

ENERGY CODES AND **R-VALUE MINIMUMS**

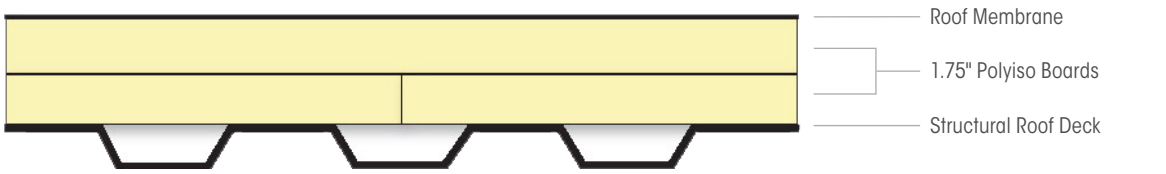


Disclaimer: The information contained in this document is meant to be used as a quick reference guide for insulation levels across the United States. The information was gathered from the Polyisocyanurate Manufacturers Association (PIMA). Final verification of actual insulation levels required for a specific project should be verified with the Local Authority Having Jurisdiction (AHJ) before construction.

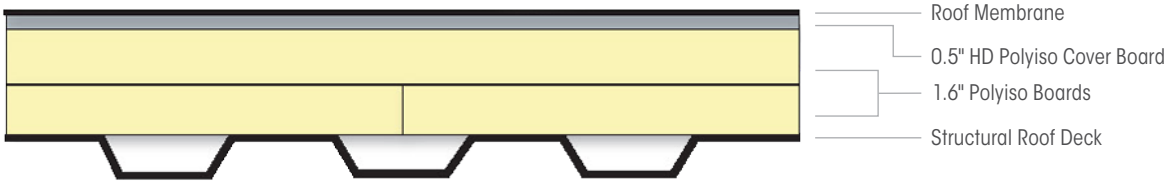
To learn more about Minimum Insulation R-value Requirements by State, scan here:

HITTING COMMON MINIMUM R-VALUES
WITH POLYISOCYANURATE INSULATION

R-20

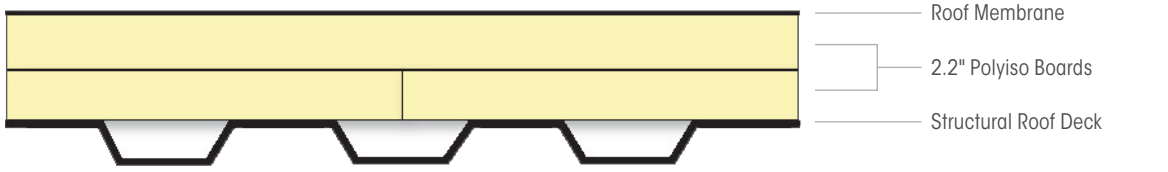


Two layers of 1.75" polyiso	**R-20.0**

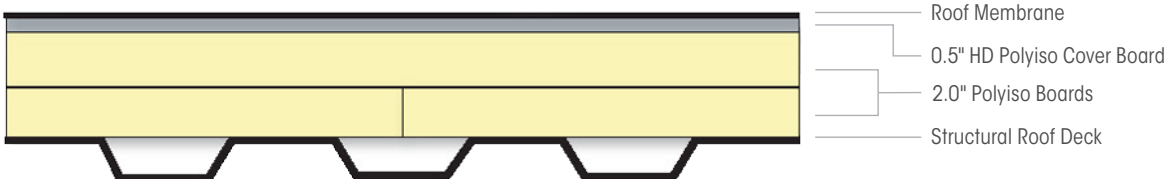


Two layers of 1.6" polyiso	R-18.2
0.5" HD polyiso cover board	R-2.5
Total	**R-20.7**

R-25

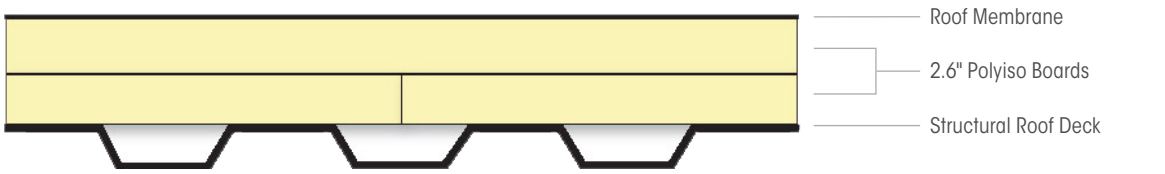


Two layers of 2.2" polyiso	**R-25.2**

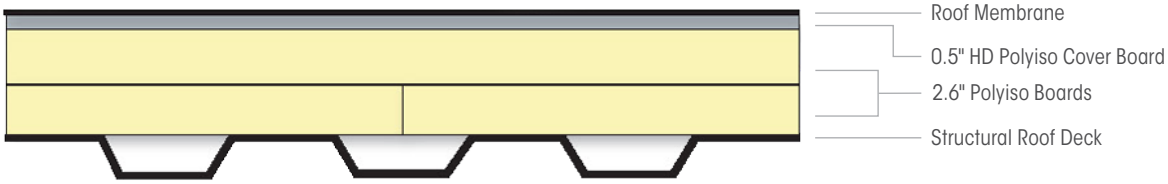


Two layers of 2.0" polyiso	R-22.8
0.5" HD polyiso cover board	R-2.5
Total	**R-25.3**

R-30

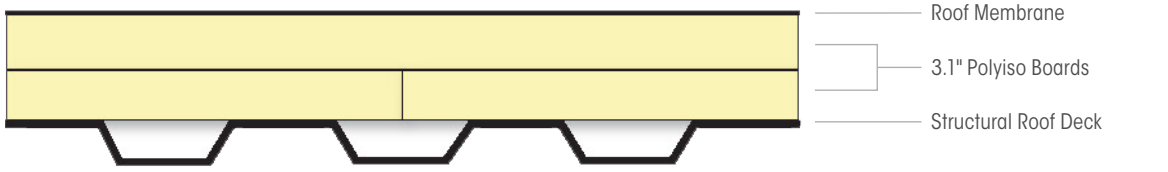


Two layers of 2.6" polyiso	**R-30**

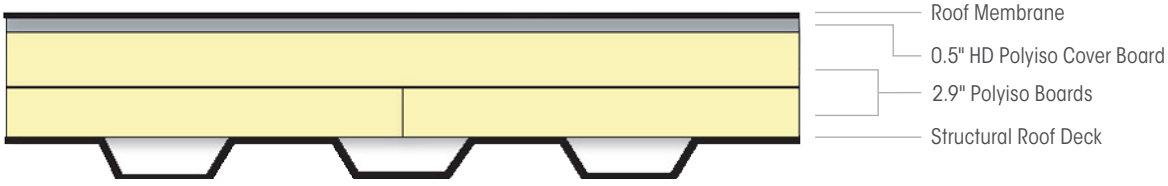


Two layers of 2.6" polyiso	R-27.6
0.5" HD polyiso cover board	R-2.5
Total	**R-30.1**

R-35



Two layers of 3.1" polyiso	**R-36.0**



Two layers of 2.9" polyiso	R-33.6
0.5" HD polyiso cover board	R-2.5
Total	**R-36.1**

IMPROVE **ROOFTOP PRODUCTIVITY**

Increase rooftop productivity with Versico's Flexible DASH™ Dual Tank Adhesive, a two-component, construction-grade, low-rise polyurethane adhesive designed for bonding insulation to various substrates.

- Reduces labor by eliminating equipment maintenance and breakdowns.
- Application time reduced up to 15% when compared to low-pressure dispensing machines.
- Increased productivity when Dual Tanks are used simultaneously (each additional Dual Tank can increase productivity up to 100%).



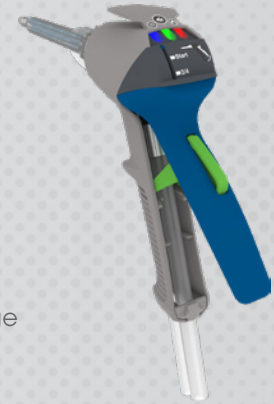
Flexible DASH Dual Tank Adhesive Is Compatible With:

VersiCore® Polyiso, SecurShield® Polyiso, expanded polystyrene (EPS), extruded polystyrene (XPS), and spray polyurethane foam (new or scarified SPF). Compatible deck types include concrete, cellular lightweight concrete (LWC), gypsum, cementitious wood fiber, wood, and painted or galvanized steel.

Flexible DASH Dual Tank Adhesive is also compatible with the following roofing materials: smooth (previously exposed) BUR, mineral cap sheets, smooth (previously exposed) or granulated mod bit, aged EPDM, aged Hypalon®, and Versico's VapAir Seal™ 725TR Air and Vapor Barrier.

PERFORMANCE THAT DELIVERS

A Temperature Sensing Gun is included in every Flexible DASH Dual Tank Adhesive set. It provides continuous, real-time monitoring of adhesive temperature to help ensure every application is delivered at the ideal material temperature.



The TSG Delivers:

- Real-time temperature sensing that continuously monitors adhesive temperature as material flows through the gun
- Integrated blue, green, and red LED indicators that provide immediate visual confirmation of proper application conditions
- Reduced risk of installation errors and material waste by clearly identifying out-of-range temperatures before application
- Up to 75% reduced trigger force and ergonomic design to minimize installer fatigue during extended use
- Improved flow control and application consistency to support uniform coverage and reliable curing

By eliminating guesswork related to material temperature, the TSG helps mitigate common installation risks associated with cold or overheated adhesive, including poor adhesion, inconsistent curing, and rework.

ReadyFlash TECHNOLOGY

ReadyFlash™ Technology allows contractors to manipulate adhesive flash-off times by choosing between a light and dark facer found on every board. The dark side of the panel can increase surface temperatures up to 10°F for the glass-reinforced felt (GRF) panel and up to 50°F for the coated glass facer (CGF) panel above ambient temperatures. The light side of the panel can decrease surface temperatures up to 5°F for the GRF panel and up to 25°F for the CGF panel.





To learn more about ReadyFlash Technology, scan here:



IMPACTR-7 **POLYISO INSULATION**



IMPACTR-7™

A rigid roof insulation panel composed of advanced foam chemistry delivering R-7 per inch. This panel is available with glass-reinforced felt (GRF) or coated-glass facer (CGF) and comes standard with ReadyFlash Technology.

- 17% less board feet equals savings in square foot material cost
- Less trucks equals savings on freight and reduced handling and staging
- Ideal for cold storage application

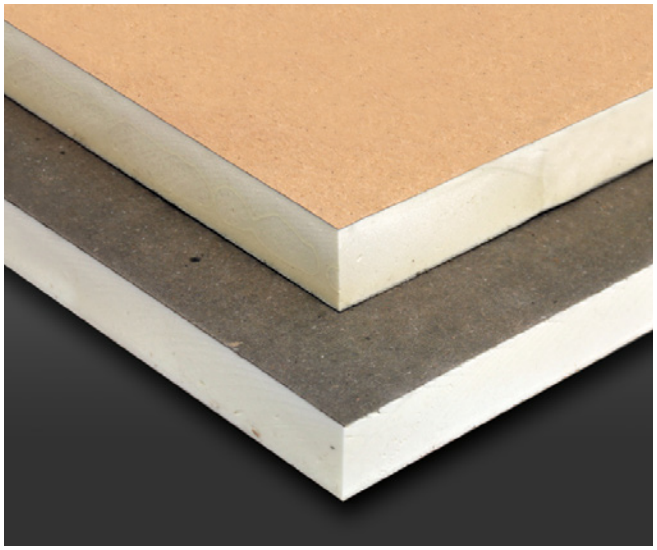
To learn more, scan here:

POLYISOCYANURATE
INSULATION OPTIONS

VersiCore®

A rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded on each side to glass-reinforced felt. This panel comes standard with ReadyFlash Technology.

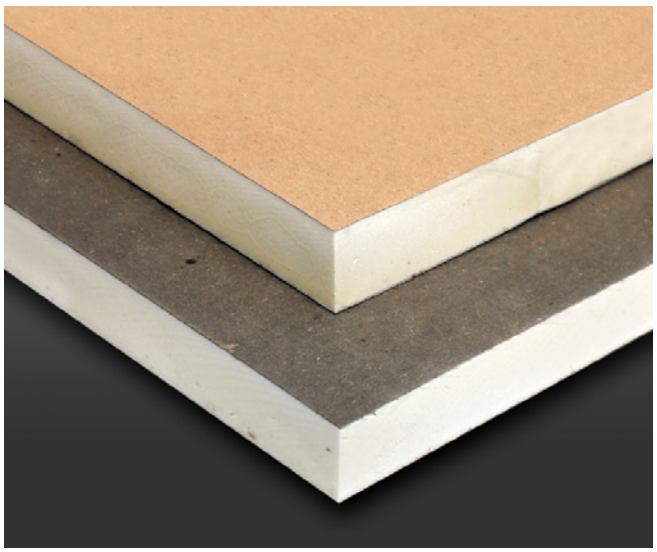
Available Thicknesses: 0.5" – 4.5"
Available Panel Sizes: 4' x 4', 4' x 8', and 4' x 12' (limited thicknesses)
Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



VersiCore Eco

A rigid roof insulation panel that contributes to carbon reduction initiatives through a mass balance approach under ISCC PLUS compliance. This product is composed of a closed-cell bio-content polyisocyanurate foam core bonded on each side to glass-reinforced felt. The amount of bio content can range between 5 – 49% and can be adjusted based on a building's needs. This panel comes standard with ReadyFlash Technology.

Available Thicknesses: 2.0" and 2.6"
Available Panel Sizes: 4' x 4', 4' x 8', and 4' x 12'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted

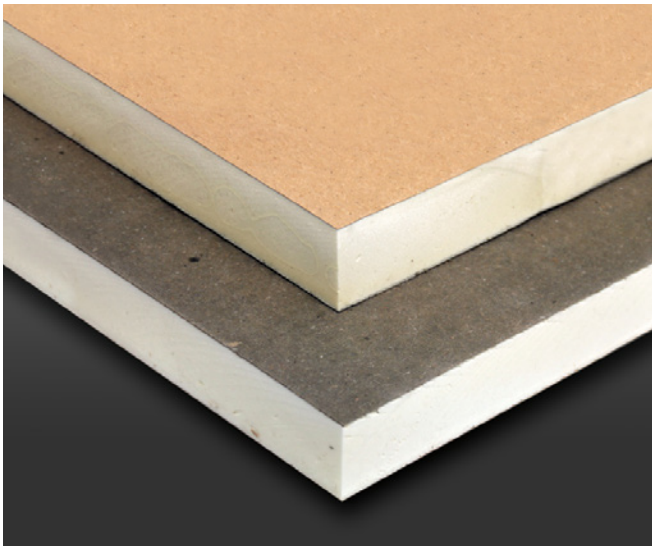


POLYISOCYANURATE
INSULATION OPTIONS

VersiCore NH

An LBC "Red List Free" rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded on each side to glass-reinforced felt. This product contains zero halogenated flame retardants.

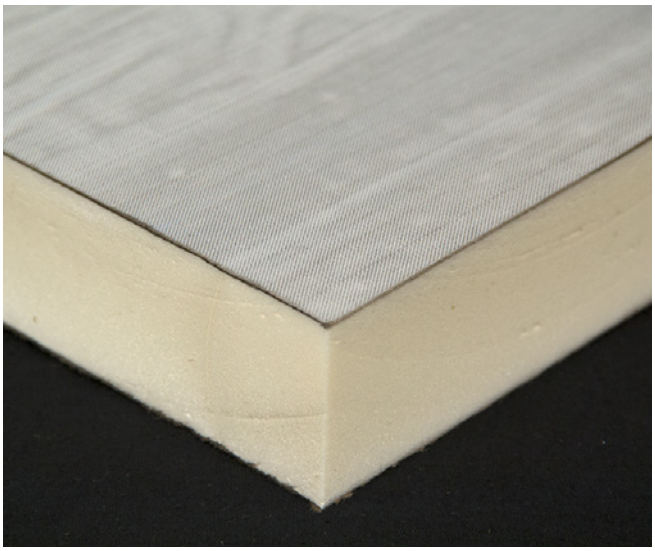
Available Thicknesses: 0.5" – 4.5"
Available Panel Sizes: 4' x 4' and 4' x 8'
Insulation Attachment Type: Mechanically Fastened, Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



VersiCore RapidLock (RL™)

A rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded on each side to glass-reinforced felt. The RapidLock roofing system is an attachment method using VELCRO® Brand Securable Solutions in which the insulation panel acts as the hook and the VersiFleece® membrane acts as the loop for a fully adhered, adhesiveless system.

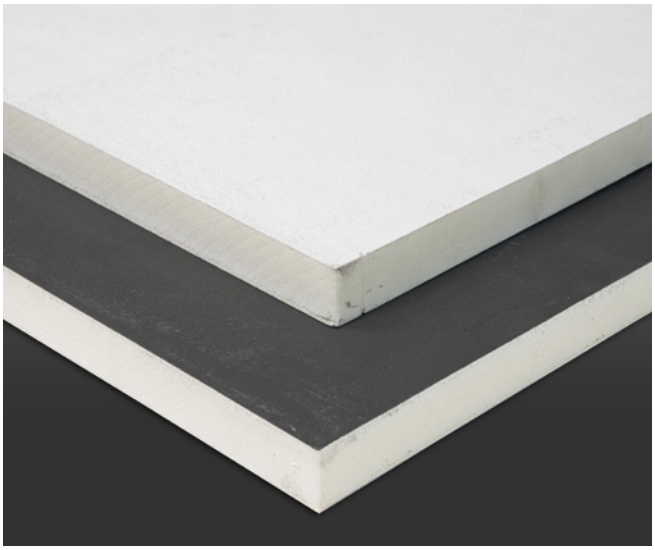
Available Thicknesses: 2.0" and 2.6"
Available Panel Size: 4' x 8'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Hook and Loop with VersiFleece RapidLock Membranes



SecurShield

A rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded on each side to a coated glass facer (CGF). This panel comes standard with ReadyFlash Technology. Utilize the dark size to increase surface temperatures up to 50°F above ambient temperatures or the light side to decrease temperatures up to 10°F below ambient temperatures.

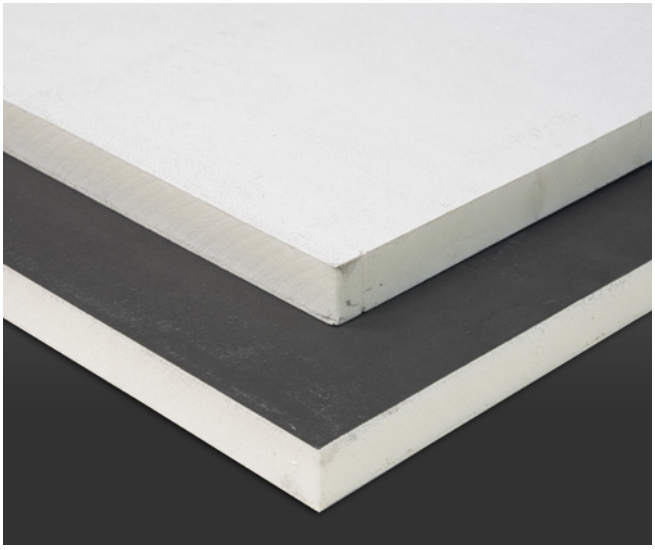
Available Thicknesses: 0.5" – 4.5"
Available Panel Sizes: 4' x 4' and 4' x 8'
Insulation Attachment Type: Mechanically Fastened, Fully Adhered with Flexible DASH adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



SecurShield Eco

A rigid roof insulation panel that contributes to carbon reduction initiatives through a mass balance approach under ISCC PLUS compliance. This product is composed of a closed-cell bio-content polyisocyanurate foam core bonded on each side to a coated glass facer (CGF). The amount of bio content can range between 5 – 49% and can be adjusted based on a building's needs. This panel comes standard with ReadyFlash Technology.

Available Thicknesses: 2.0" and 2.6"
Available Panel Sizes: 4' x 4', 4' x 8', and 4' x 12'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted

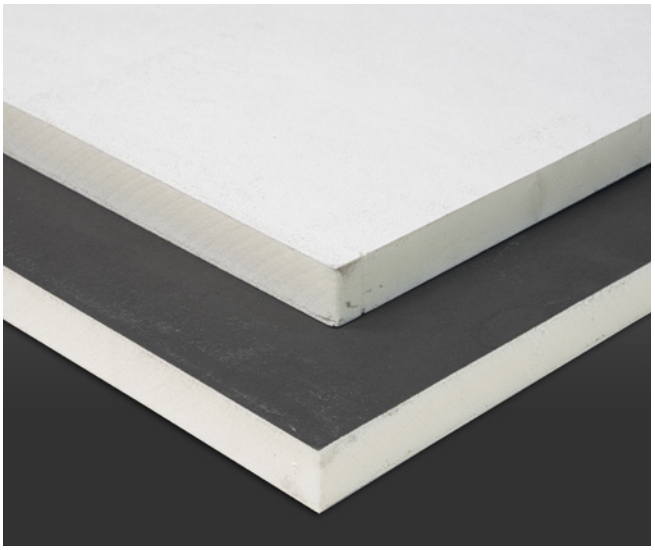


POLYISOCYANURATE
INSULATION OPTIONS

SecurShield NH

An LBC "Red List Free" rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded during the manufacturing process to premium-performance coated glass facers. SecurShield NH contains zero halogenated flame retardants.

Available Thicknesses: 0.5" – 4.5"
Available Panel Sizes: 4' x 4' and 4' x 8'
Insulation Attachment Type: Mechanically Fastened, Fully Adhered with Flexible DASH adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



SecurShield RapidLock

A rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded on each side to glass-reinforced felt. The RapidLock roofing system is an attachment method in which the insulation panel acts as the hook and the VersiFleece membrane acts as the loop for a fully adhered, adhesiveless system.

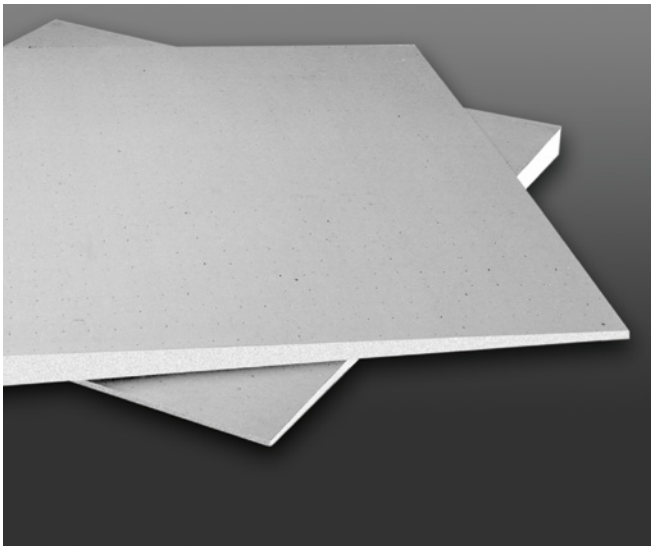
Available Thicknesses: 2.0" and 2.6"
Available Panel Size: 4' x 8'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Hook and Loop with VersiFleece RapidLock Membranes



VersiCore Tapered

A sloped rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded during the manufacturing process to fiber-reinforced paper facers.

Available Slopes: ⅛", ¼", ⅜", and ½" per foot
Available Panel Sizes: 4' x 4' and 4' x 8'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



SecurShield Tapered

A rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core laminated on-line to a premium-performance coated glass facer.

Available Slopes (20 psi): ⅛", ¼", ⅜", and ½" per foot
Available Slopes (25 psi): 1/16", ⅛", 3/16", ¼", ⅜", and ½" per foot
Available Panel Sizes: 4' x 4' and 4' x 8'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



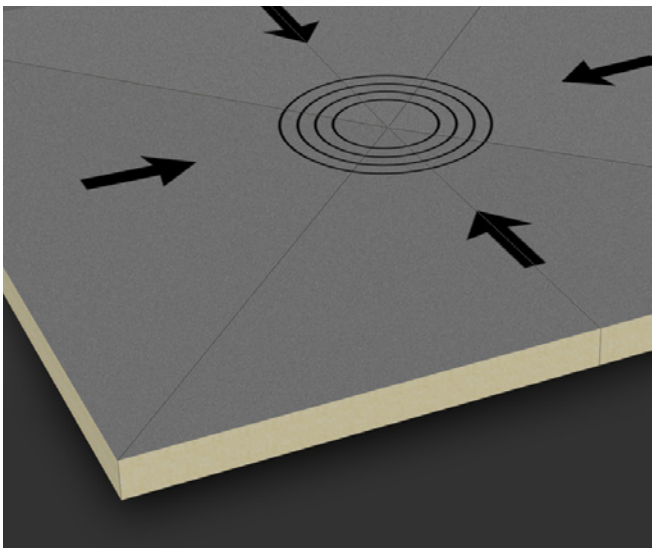
POLYISOCYANURATE
INSULATION OPTIONS

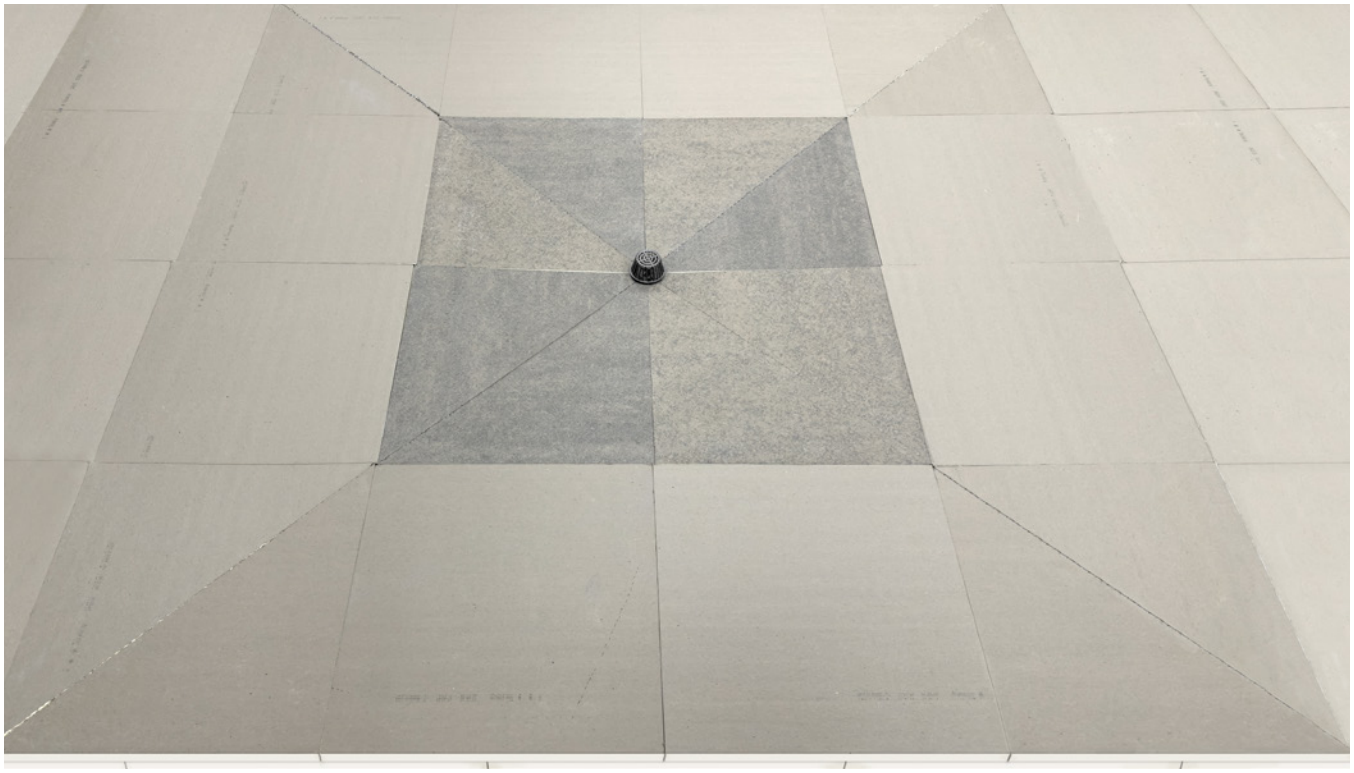
Target Sump and Hinged Target Sump

8' x 8' Hinged Target Sumps are pre-assembled with Tapered H-Shield or Tapered H-Shield CG 25 PSI. Sumps have perimeter edge thicknesses of 1.5", 2", 2.5", or 3".

4' x 4' Target Sumps are manufactured with Tapered H-Shield CG 25 PSI only. This sump comes pre-assembled with a ½" slope in thicknesses of 0.5" to 2.0".

Insulation Attachment Type: Mechanically Fastened or Fully Adhered with Flexible DASH Adhesive
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted





EXTENDED **TAPERED PANELS**

An extended panel repeat uses more tapered panels and less fill — therefore, fewer panels are installed saving money on material handling, labor costs, adhesive costs and time. Extended panels are recommended for fully-adhered membrane systems where the insulation is installed using low rise foam. Below is a typical comparison to show the savings.

STANDARD PANEL SYSTEM

Standard Panel Repeat: X, Y, 2" – 2" Fill Required – 1013 squares

Standard Panel Quote.....$94,600

Adhesive Costs.....$50,650
(1013 squares of fill x $50)

MATERIALS..... $145,250

EXTENDED PANEL SYSTEM

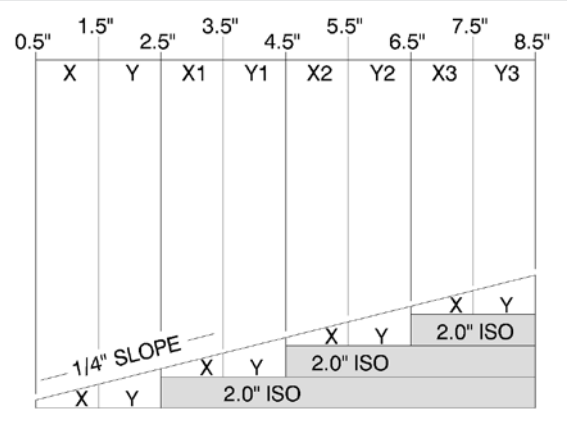
Extended Panel Repeat: X, Y, Z, ZZ, 4" – 4" Fill Required – 402 squares

Extended Panel Quote $100,800

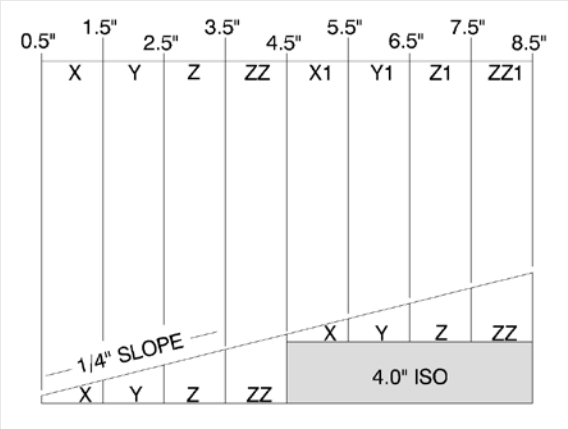
Adhesive Costs.....$20,100
(402 squares of fill x $50)

MATERIALS..... $120,900

STANDARD PANEL REPEAT



EXTENDED PANEL REPEAT



TOTAL MATERIAL SAVINGS OF $24,350

LABOR SAVINGS

- 60% less squares of applied material
- 60% less adhesive required

EPS INSULATION **OPTIONS**

Insulfoam EPS

A rigid insulation board composed of closed-cell, lightweight expanded polystyrene (EPS).

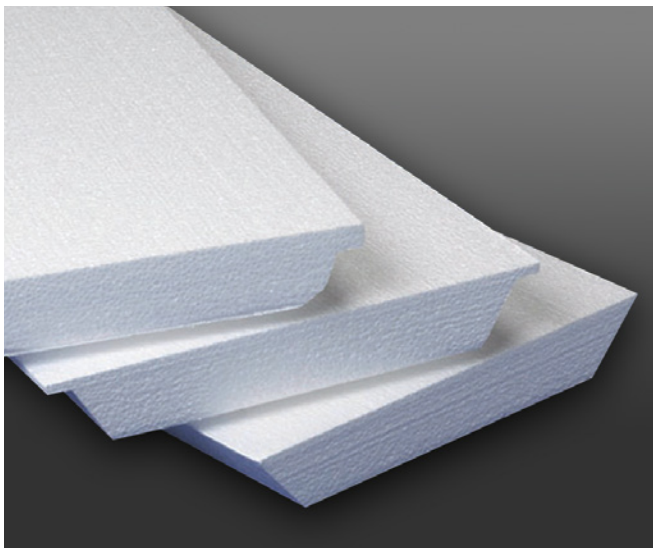
Available Thicknesses: ¼" – 10"
Available Panel Sizes: 4' x 4' and 4' x 8'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



Insulfoam EPS Flute Fill

A custom-made, engineered insulation consisting of a superior closed-cell, lightweight expanded polystyrene (EPS).

R-Value: 3.85 per inch
Insulation Attachment Type: Mechanically Fastened or Fully Adhered
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



Insulfoam Tapered EPS

An engineered insulation made of closed-cell, lightweight expanded polystyrene (EPS).

Available Thicknesses: 1/8" – 40.0"
Available Slope: No Limitations to Available Slope Per Foot
Available Panel Sizes: 4' x 4' and 4' x 8'
Insulation Attachment Type: Mechanically Fastened or Fully Adhered
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted



ChannelDry® EPS

A lightweight, closed-cell expanded polystyrene to be used in conjunction with one-way and two-way relief vents that allows the installation of the roof system to begin upon structural cure of concrete.

Available Thickness: 2.0"
Available Panel Size: 4' x 4'
R-Value: 7.1
Insulation Attachment Type: Mechanically Fastened, Fully Adhered
Membrane Attachment Type: Mechanically Fastened, Fully Adhered, Ballasted, Induction Welded



XPS INSULATION **OPTIONS**

Owens Corning FOAMULAR®

XPS insulation is a closed-cell, moisture-resistant, rigid foam board ideal for many roofing applications, including single-ply, inverted roof membrane assemblies, tapered, vegetative roofs, plaza decks, and recover roofing.

Products Available: THERMAPINK 25 (Type IV), FOAMULAR 404 (Type VI), FOAMULAR 604 (Type VII), FOAMULAR Tapered Products
R-Value: 0.5 per inch
Insulation Attachment Type: Mechanically Fastened, Fully Adhered
Membrane Attachment Type: Mechanically Fastened, Fully Adhered



DuPont™ Styrofoam™ Brand Deckmate™ Plus

XPS foam insulation is designed specifically to provide membrane support for conventional low-slope roof applications.

Available Thicknesses: 1.0" – 4.0"
Available Panel Sizes: 2' x 8' and 4' x 8'
Insulation Attachment Type: Fully Adhered
Membrane Attachment Type: Fully Adhered



MINERAL WOOL
INSULATION OPTIONS

ROXUL TOPROCK® DD and TOPROCK DD Plus

Rigid mineral wool insulation boards with rigid upper surfaces for durability and enhanced strength.

Available Thicknesses: 2.0" – 6.0"
Available Panel Size: 4' x 4'
Insulation Attachment Type: Mechanically Fastened
Membrane Attachment Type: Mechanically Fastened, Ballasted



Looking for our cover board options?







VERSICO
ROOFING SYSTEMS

A SINGLE SOURCE FOR SINGLE-PLY ROOFING

800.992.7663 • www.versico.com

©2026 Versico. Printed in U.S.A.
VE-19419 – "Insulation Product Brochure" – 06.10.26

Versico, VersiFleece, VersiCore, DASH, ImpactR-7, and the Versico logo are trademarks of Versico. SecurShield, ChannelDry, InsulBase, ReadyFlash, EcoStorm VSH, VapAir Seal, and RL are trademarks of Carlisle Construction Materials, LLC. Styrofoam and Hypalon are registered trademarks of Dupont. DuPont is a trademark owned by affiliates of DuPont de Nemours, Inc. VELCRO® and VELCRO® design are registered trademarks of Velcro BVBA. FOAMULAR is a trademark of Owens Corning. TOPROCK is a registered trademark of ROXUL, Inc