



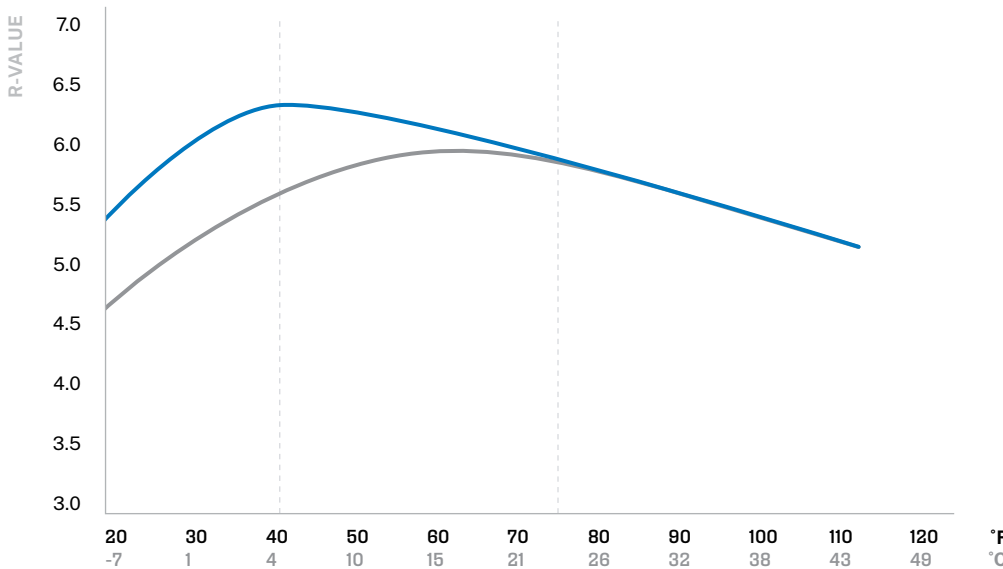
# ISOGARD™

**POLYISO INSULATION**



# OUR INNOVATIVE NEW ISOGARD FORMULA ELEVATES YOUR INVESTMENT FROM THE TOP FLOOR TO THE BOTTOM LINE

## R-Value vs. Temperature



**ISOGARD**  
Competitive Products

\* Potential savings are only estimates; actual performance attributes vary based on many factors, including specific building features like skylights, wall insulation, and HVAC performance. Energy savings were estimated using an industry-recognized tool adjusting insulation thermal performance at 40°F (4°C) and applying it to the number of heating days. Consult with a competent mechanical engineer and/or roofing professional for more tailored savings estimates.

### MEAN TEMPERATURE

The average of the sum of the hottest and coldest surface temperatures which the insulation material is exposed to

## HIGH THERMAL RATINGS. GREAT COST SAVINGS.

The next generation ISOGARD formula is the elite choice for cold temperature insulation. Elevate™ delivers an insulation with outstanding performance under any heating or cooling requirements, making it the perfect choice for the variety of North America's climates. With the highest R-value per inch at colder temperatures, ISOGARD polyiso insulation delivers up to 40% better thermal performance\* saving thousands in HVAC\*\* costs.



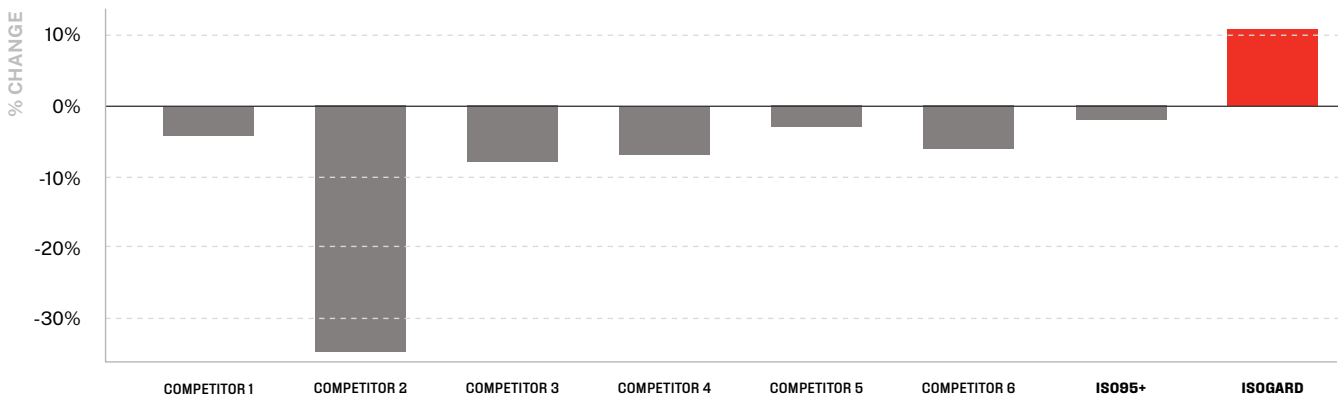
**Excellent R-Value**  
per inch in cold temperatures



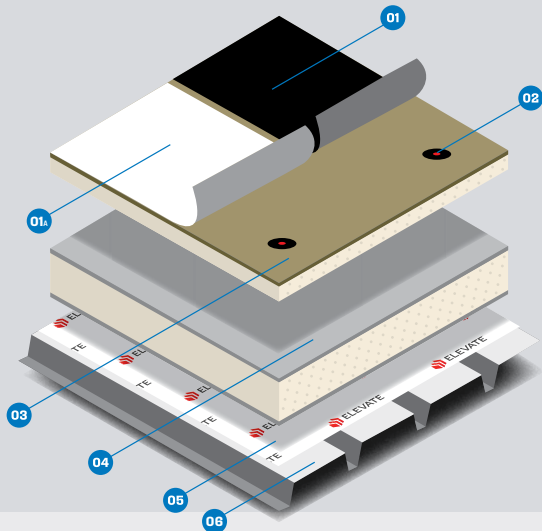
**Up to 40% Better**  
thermal performance in cold temperatures than the competition\*\*

\*\* The thermal performance of ISOGARD polyiso insulation is up to 40% better than major competitors when tested by an independent third party in cold temperature 40°F (4°C) applications according to ASTM C1289 standards. The increased R-value per inch means better thermal performance from the same roofing systems using the same amount of insulation compared to leading competitive products on the market today.

## R-Value % change from 75°F (24°C) to 40°F (4°C)



# ISOGARD roof insulation is compatible with any Elevate roof system.



## RubberGuard™ EPDM / UltraPly™ TPO Membrane System\*

- 01 RubberGuard EPDM Self Adhered Membrane<sup>†</sup>
- 01a UltraPly TPO Membrane<sup>†</sup>
- 02 Insulation Plate and approved Elevate fastener
- 03 ISOGARD HD Insulation
- 04 ISOGARD GL Insulation
- 05 Elevate V-Force Vapor Barrier Membrane<sup>Δ</sup>
- 06 Roof Deck

\* any Elevate single ply membrane

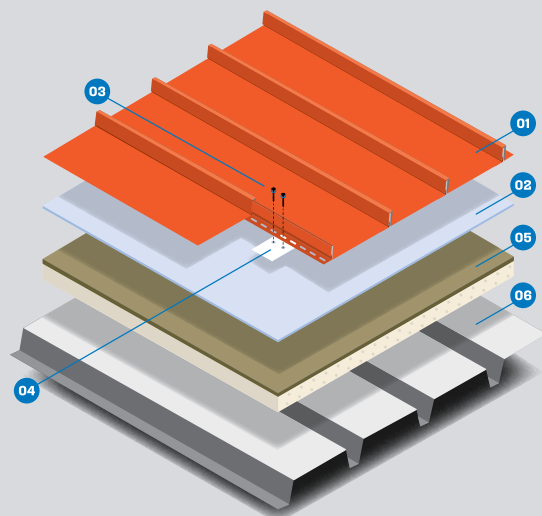
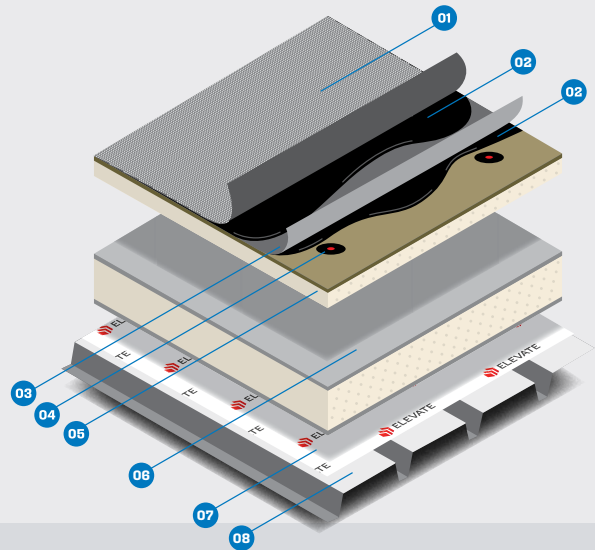
<sup>†</sup> both membranes are shown for illustration purposes only

<sup>Δ</sup> optional

## Asphalt System

- 01 Elevate Smooth or Granule Surfaced Cap Sheet
- 02 Hot Bitumen Mopping or Cold Adhesive
- 03 Elevate Base Sheet
- 04 Insulation Plate and approved Elevate fastener
- 05 ISOGARD HD Insulation
- 06 ISOGARD GL Insulation
- 07 Elevate V-Force Vapor Barrier Membrane<sup>Δ</sup>
- 08 Roof Deck

<sup>Δ</sup> optional



## Metal System

- 01 Elevate Una-Clad UC-4 Panel
- 02 Elevate Clad-Gard Underlayment
- 03 Elevate Fasteners with Nylon Washer
- 04 Elevate UC Bearing Plate
- 05 ISOGARD Insulation
- 06 Roof Deck

**SHOWN:** Premium Single-ply Systems. Elevate has codes for thousands of assemblies and possible combinations. Talk to an Elevate Rep for information.

# Product Portfolio

NO MATTER WHAT THE NEED,  
**WE'VE GOT YOU COVERED.**

## ISOGARD™ GL

### ADDED PROTECTION FOR A RANGE OF INSTALLATIONS

This versatile insulation is especially suited for FM Approved and UL Classified direct-to-deck applications/assemblies without an additional thermal barrier in most installations.

ISOGARD GL polyiso insulation boards have a glass reinforced facer on both sides of the foam core and can be attached with hot asphalt or low-rise foam adhesive to various substrates, or mechanically fastened with Elevate fasteners and plates.

## ISOGARD™ HD

### ADDED PROTECTION FOR EVERY ROOF

ISOGARD HD cover board combines impact resistance, mold resistance, energy savings and ease of installation in a single, high-density product. Because it's lightweight and easy to cut and install, ISOGARD HD cover board can offer savings from reduced transportation costs, labor and material during application. Plus, HD polyiso provides the highest thermal performance of any 1/2" cover board product on the market.

## ISOGARD™ HD COMPOSITE

### PROTECTION TO THE CORE

ISOGARD HD composite cover board consists of a 1/2" ISOGARD HD cover board laminated directly to Elevate standard ISOGARD polyisocyanurate insulation. By combining these two proven products in an in-line manufacturing process, the building owner receives a high-performing, energy-efficient insulation board, while the installer saves time and labor due to not having to adhere another layer.

Furthermore, since ISOGARD HD Composite is made in a controlled environment, the risk of other variables that can impact the performance of the product be it dirt, adhesive application, etc. are greatly reduced.

Our Elevate™ ISOGARD™ products are as versatile as the buildings they cover. Engineered to protect against everything from ponded water, to cold weather, we offer a solution for any challenge. All while insulating your building with our exceptional ISOGARD thermal performance product.

## **ISOGARD™ CG**

**EXCEPTIONAL PERFORMANCE, NO MATTER THE JOB**

For the ultimate in fire and mold resistance, our ISOGARD CG product provides exceptional protection for your roofing system. Offering a Class A fire rating over combustible decks at 1" thick and meeting D3273 standards for mold resistance, this lightweight insulation is compatible with all roofing systems and provides enhanced wind uplift performance for your roofing system.

## **ISOGARD™ TAPERED INSULATION**

**DURABILITY THAT WON'T BREAK THE BANK**

When a substrate's slope will not permit efficient drainage, ISOGARD tapered polyiso insulation provides an effective and economical solution. A properly installed tapered system can extend the life of the roof assembly by reducing problems associated with ponding water. Elevate offers tapered insulation panels in our ISOGARD GL and ISOGARD CG product families.

## **ISOGARD™ HG**

**PROVEN PROTECTION. FAST.**

ISOGARD HG with HailGard™ protection is an insulation panel consisting of a polyiso foam core laminated to a 7/16" oriented strand board (OSB) on one side, and a black glass reinforced mat facer on the other side. This nailable OSB surface makes HailGard suitable for use with EPDM, TPO, modified bitumen and metal roofing systems, as well as helping to protect against accidental punctures, hail, and winds up to 160 km/h.

# Plant Locations

WHEREVER YOU ARE,  
WE'RE RIGHT BY YOUR SIDE.

Elevate insulation products are manufactured in seven plants located throughout the United States and serving all of North America. All Elevate manufacturing facilities have quality control ISO 9001/ISO 14001 certifications.

**01** Jacksonville, FL

**03** Bristol, CT

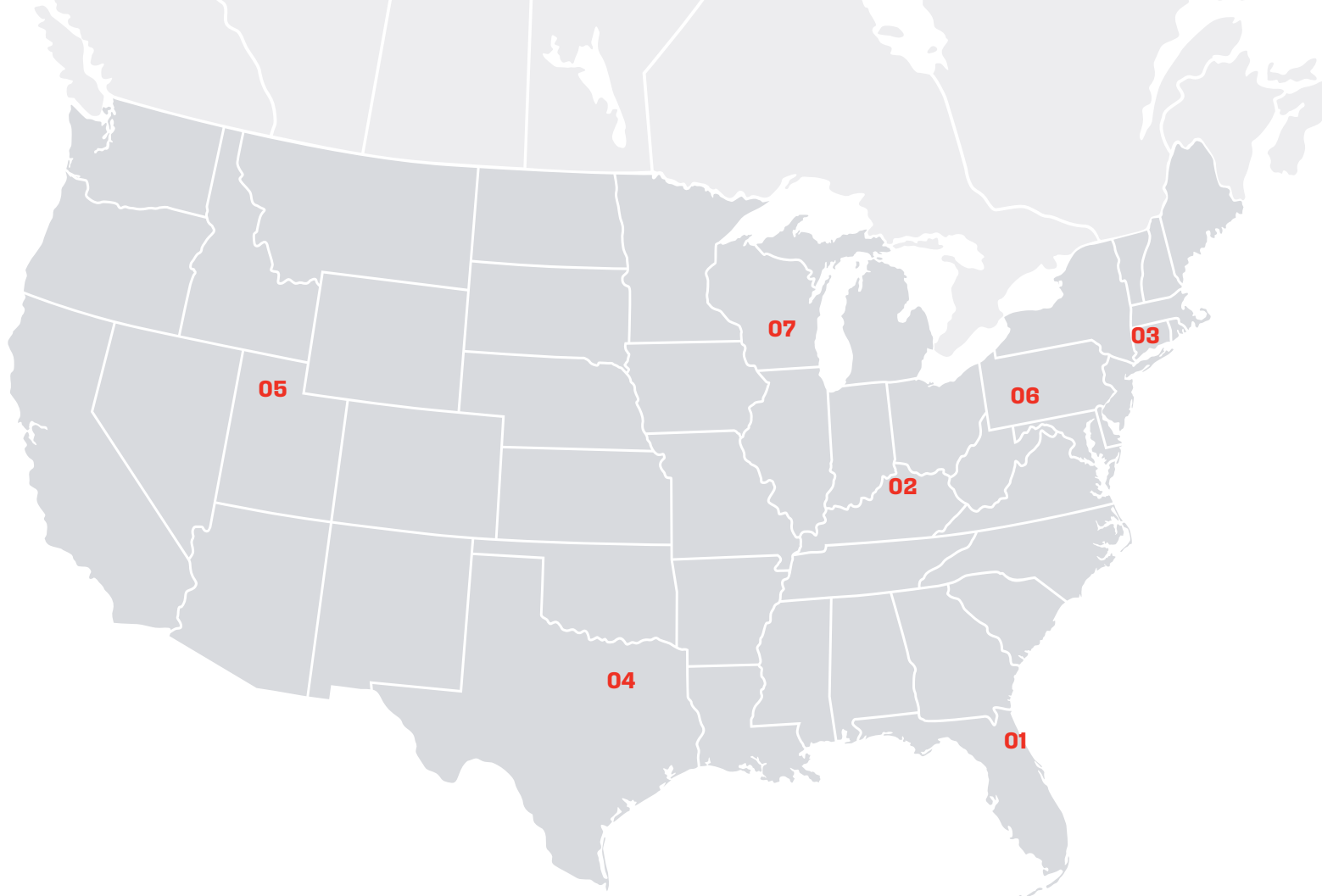
**05** Salt Lake City, UT

**07** DeForest, WI

**02** Florence, KY

**04** Corsicana, TX

**06** Youngwood, PA





## THE ELEVATE DIFFERENCE ONE SOURCE. MANY CHOICES.

Service, state-of-the-art systems, extensive list of codes and approvals, expertise – these are just a few reasons why contractors, building owners, architects, and specifiers trust Elevate for their roofing needs.

Since the first Elevate roof systems were installed in 1980, Elevate has consistently delivered the two critical needs all building owners demand: outstanding durability and low life-cycle cost. Trust Elevate to bring you the depth of resources to ensure the right system for your needs. Whether for one building or many.



### The Power of Innovative ISOGARD

ISOGARD family of high-performance polyiso delivers the highest R-value per inch in cold temperatures, making it a smart investment when insulating your building. Competing polyiso boards require additional thickness to achieve the same R-value at low temperatures.



### R&D Commitment

Annual investment of millions of dollars in research and development.



### Green-Focused

Elevate plays a global role in protecting the environment by focusing on recyclability, reflectivity, conservation, and sustainability.



### Expertise

Installation experts and product support, plus a wide-ranging network of contractors, distributors, and field sales.





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Learn more at

<https://www.holcimelevate.com/us-en/roofing/insulation>

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\* Elevate insulation products are non-load-bearing materials. For more information relating to intended or safe uses, product flammability, specifications, and other information, please see the applicable product labels, installation instructions, and safety data sheets, or call us toll-free at 1-800-428-4442 (U.S.) and 1-888-292-6265 (Canada) with any questions.