



# Building Solutions for Tomorrow



High Performance Homes with Integrated Building Envelope Systems

# Building Comfortable, Resilient, and Energy Efficient Homes

Energy efficiency is at the forefront of new home construction. The building sector is moving toward more sustainable practices accelerated by these key market trends:

## DRIVE TO DECARBONIZATION

Energy efficiency is a vital component in achieving net-zero emissions of carbon dioxide through decarbonization.

## FINANCIAL INCENTIVES

Tax and utility incentives reward builders who are adapting faster. When these incentives are layered together, the financial impact can be significant.

## TIGHTENING BUILDING CODES

Recent code changes have been significant and can be challenging to decipher. The delta between high performance and standard code is shrinking.

## BUYER PREFERENCES

Higher expectations from buyers have become the norm for all products – housing is no exception. Builders report that 95% of buyers request energy-efficient upgrades.<sup>1</sup>



### U.S. Residential and Commercial Buildings Sector Account for:<sup>2</sup>

- ① **35%** Carbon Emissions
- ② **74%** Electricity Use
- ③ **40%** Energy Consumption

# Maximize Ancillary Revenue

Builders can take advantage of financial incentives for new single family and multifamily construction thanks to Section 45L New Energy Efficient Home Credit.

Earning the 45L tax credit requires certification to ENERGY STAR or Zero Energy Ready Home (ZERH) program requirements. If a new home is ENERGY STAR certified, builders can receive a \$2,500 tax credit per unit. Likewise, builders can receive a credit of up to \$5,000 per dwelling for certifying to ZERH requirements. Beyond federal credits, builders can also take advantage of state and local incentives for significant financial impact per home.

## 45L New Energy Efficient Home Credit

**\$2,500** CREDIT PER DWELLING  
Certified to ENERGY STAR® requirements

**\$5,000** CREDIT PER DWELLING  
Certified to Zero Energy Ready Home (ZERH) requirements

# Carlisle Weatherproofing Technologies

## The leader in Building Envelope Systems®

Every building requires thoughtful management of water, vapor, air, and energy to create a comfortable, efficient, and healthy indoor environment. As the industry's leading supplier of Building Envelope Systems, Carlisle Weatherproofing Technologies (CWT) is committed to energy efficiency and sustainable solutions. Our dedicated team – and integrated systems – ensure superior home performance, consistently and cost effectively.

No matter your materials, codes, construction methods, or climate, we'll help you keep the outside out and the inside safe, dry, and energy efficient with compatible weatherization systems for every level of protection and budget. Our family of trusted, leading-edge building products and solutions includes Henry®, Insulfoam®, Carlisle Spray Foam Insulation, and Carlisle HVAC Brands.

**Henry**  
A CARLISLE COMPANY

**CARLISLE**  
HVAC PRODUCTS

**CARLISLE**  
SPRAY FOAM INSULATION

**INSULFOAM**  
A CARLISLE COMPANY



### Offering Trusted Product Performance

CWT offers a complete Residential Building Envelope System – available from a single source – designed to protect more than the homes you build. We're protecting your reputation and your bottom line with innovative, energy-efficient, sustainable solutions backed by industry-leading warranties.



### Backed by Service & Operational Excellence

Our expert team collaborates to bring together the brightest minds in energy efficiency, code compliance, and installation best practices to help you navigate the ever-evolving demands of code and energy compliance. We're committed to providing unmatched service and delivering value through predictable and repeatable results.



### An Ongoing Commitment to Industry-Leading Innovation

Advanced building products make the toughest energy-efficiency goals easier to achieve without changing standard building practices.



# CWT Residential Building Envelope Systems

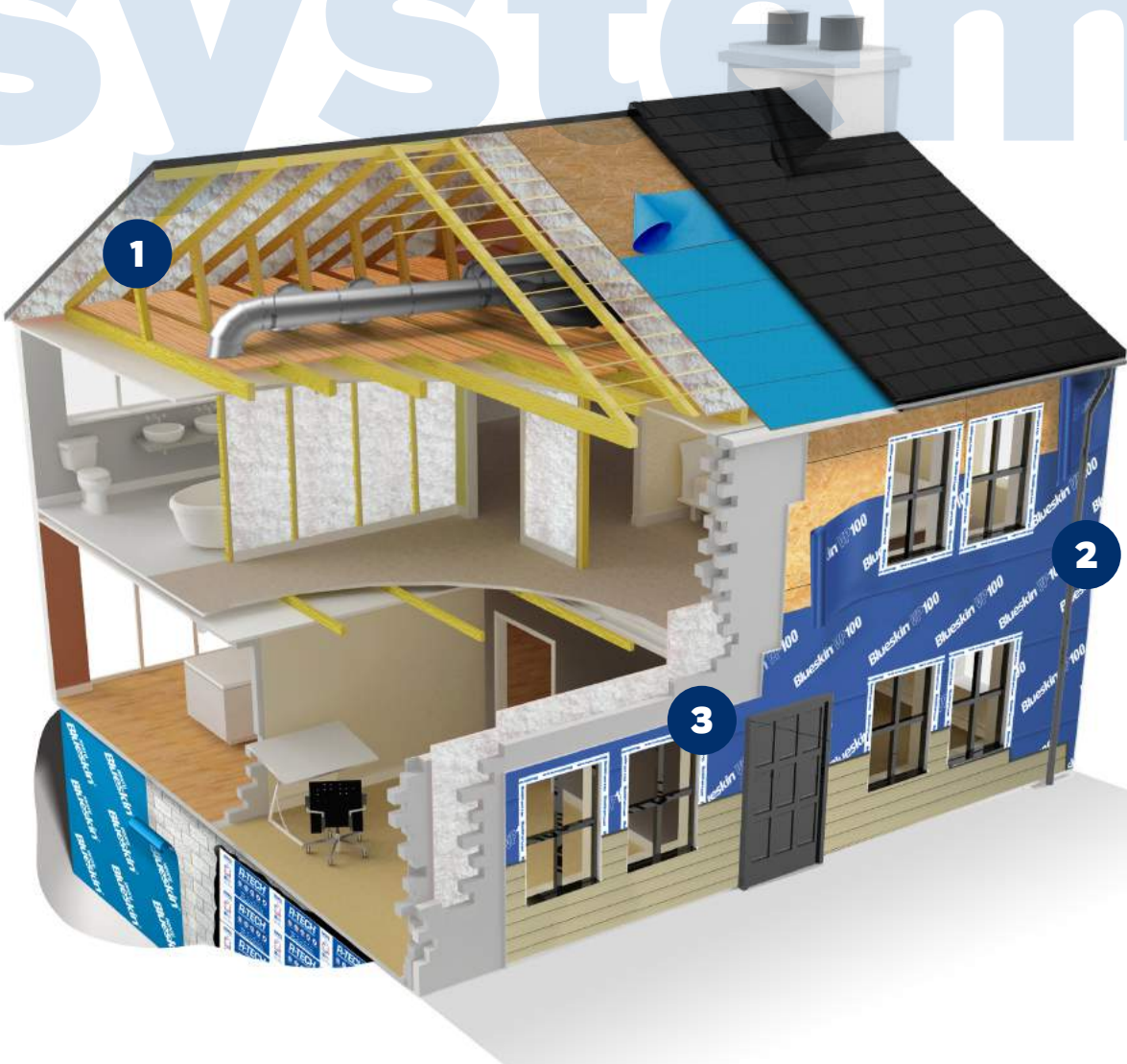
CWT offers a portfolio of weatherproofing and insulation products that work together as compatible and tested systems to mitigate air leakage and improve thermal performance.

By effectively sealing the building envelope, builders can prevent moisture-related issues such as mold growth, rotting, and structural damage, thereby preserving the integrity of the home.

PRODUCTS	ROOF	WALL	FOUNDATION	HVAC DUCT SEALANTS
Henry Roofing Underlayments	●			
SealTite™ PRO Spray Foam Insulation	●	●		
Henry Water Resistive Barriers, Flashing & Sealant		●		
R-Tech Rigid Foam Insulation		●	●	
Henry Blueskin® VP Tech™		●		
Henry Foundation Waterproofing			●	
Carlisle HVAC Brands Rolled Mastic & Liquid Sealants				●



Blueskin VP Tech is an innovative new product that combines a water resistive barrier, continuous insulation, and a seam-sealing solution into a lightweight, 4' x 8' integrated panel. Compared to traditional continuous insulation construction, contractors can install up to 30% faster with Blueskin VP Tech.

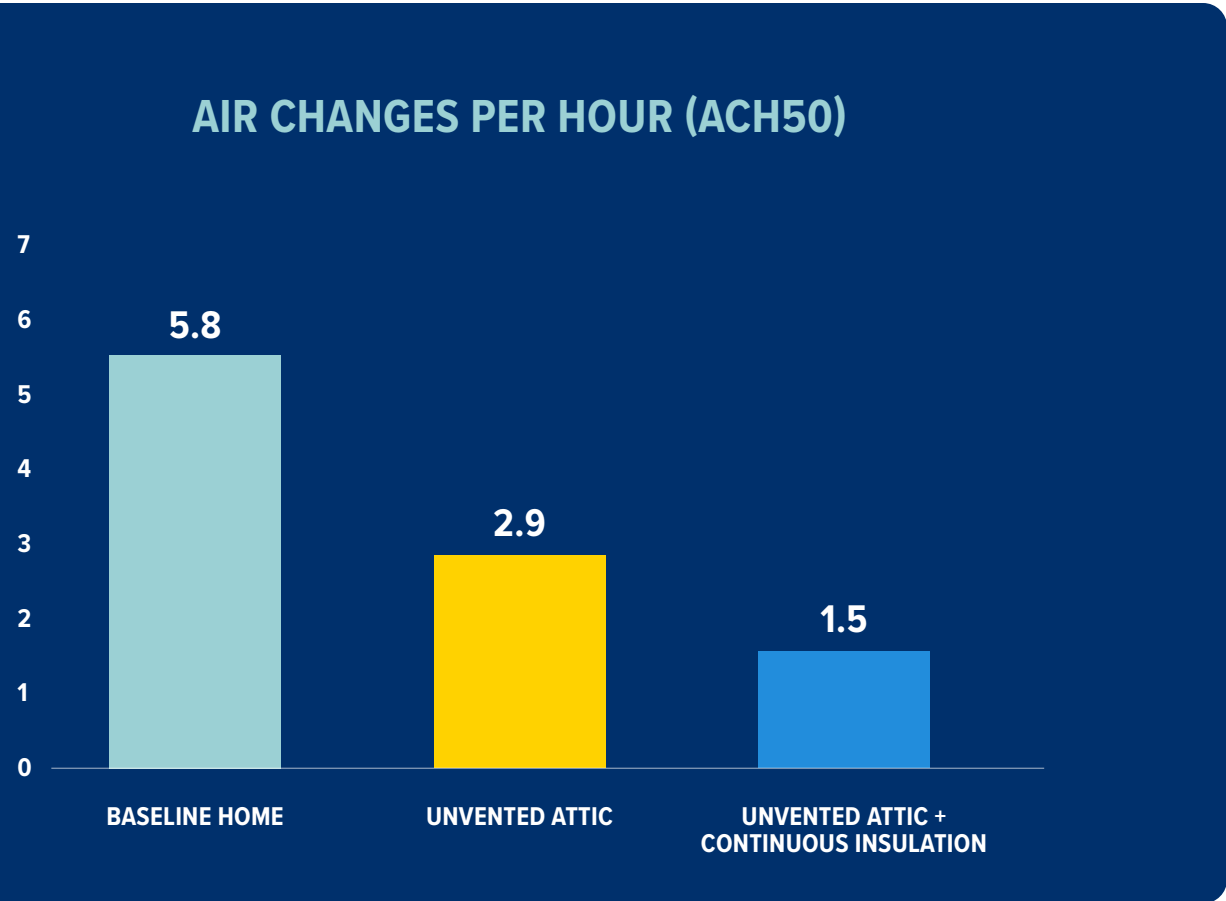


## CONSIDER THESE SMALL CHANGES FOR A BIG IMPACT

- 1 Install SealTite PRO Spray Foam Insulation on the underside of roof sheathing to create an unvented, conditioned attic to substantially improve energy performance. Achieve 3 ACH50 without changing any other building practices.
- 2 Upgrade to Blueskin VP100, a self-adhered WRB and protect against air and water infiltration. Patented peel-and-stick technology self-seals around nails and fasteners to form a continuous layer of protection.
- 3 Upgrade the thermal insulation value of exterior walls with a continuous layer of expanded polystyrene (EPS) rigid insulation panels.

# Build With Confidence.

In independent testing, when compared to the baseline home built with a vented attic and more traditional materials, the home with an unvented attic insulated with SealTite PRO Open Cell Spray Foam, and Blueskin VPtech saw air changes per hour reduced by 73%.



Testing conducted with independent installers. Blower door tests conducted by Home Innovation Research Labs, February 2024.

CWT systems  
can reduce  
air changes  
per hour by  
73%

# 30-Year Residential Building Envelope System<sup>®</sup> Warranty



Select a compatible, integrated system from our family of leading-edge building products for a 30-Year Residential Building Envelope System Warranty.

In the unlikely event of a leak caused by product failure, the repairs are covered for both materials AND labor with a single point of contact. There is no complicated claim process and no prorated reimbursement based on length of install. The 30-Year Residential Building Envelope System Warranty includes a one-time transfer so you can confidently hand homebuyers the keys to a high-quality, energy efficient, and comfortable home.

To qualify for the 30-Year Building Envelope System Warranty, select one product from each of the categories below.

## 1. WEATHER RESISTIVE BARRIER

- › Blueskin VPTech
- › Blueskin VP100
- › WeatherSmart<sup>®</sup>
- › WeatherSmart Commercial
- › WeatherSmart D
- › WeatherSmart Drainable
- › Hydro Tex<sup>™</sup>
- › Super Jumbo Tex<sup>®</sup> Brands
- › Jumbo Tex Brands

## 2. FLASHING

- › Blueskin Zero Flash<sup>™</sup>
- › Blueskin Butyl
- › Fortiflash<sup>®</sup> Fusion<sup>™</sup>
- › FortiFlash Butyl
- › Fortiflex<sup>®</sup> Butyl
- › Moistop neXT<sup>®</sup>
- › Moistop PF<sup>®</sup>
- › Moistop<sup>®</sup> E-Z Seal
- › AirBloc<sup>®</sup> LF

## 3. SEALANT

- › Moistop Sealant

## 4. INSULATION

- › Blueskin VPTech
- › R-Tech EPS Continuous Insulation
- › Insulfoam Tongue & Groove
- › Insulfoam EPS Rigid Insulation
- › SealTite PRO Open-Cell Spray Foam Products



# Partner with Carlisle Weatherproofing Technologies Today

With CWT, you benefit from a single source supplier with local teams who understand the needs of your market. We provide dedicated customer & technical service support and can recommend a network of certified installers. CWT trained contractors help ensure proper installation to reduce liability and keep schedules on track.

## WE HELP NAVIGATE CODE CHANGE.

Our team understands regional challenges and opportunities related to code and above-code programs.

## WE IDENTIFY SMALL CHANGES FOR A BIG IMPACT.

Our compatible Building Envelope Systems can be customized based on construction methods, climate zone, and budget. We can help you compare options to determine the most cost-effective solution.

## WE SUPPORT PROJECTS FROM START TO FINISH.

From energy modeling to installation support, our team is here to help from initial design to homeowner satisfaction.



## Carlisle Weatherproofing Technologies

Roofing | Walls | Foundation | HVAC

We integrate innovative building solutions to construct high performance homes.