



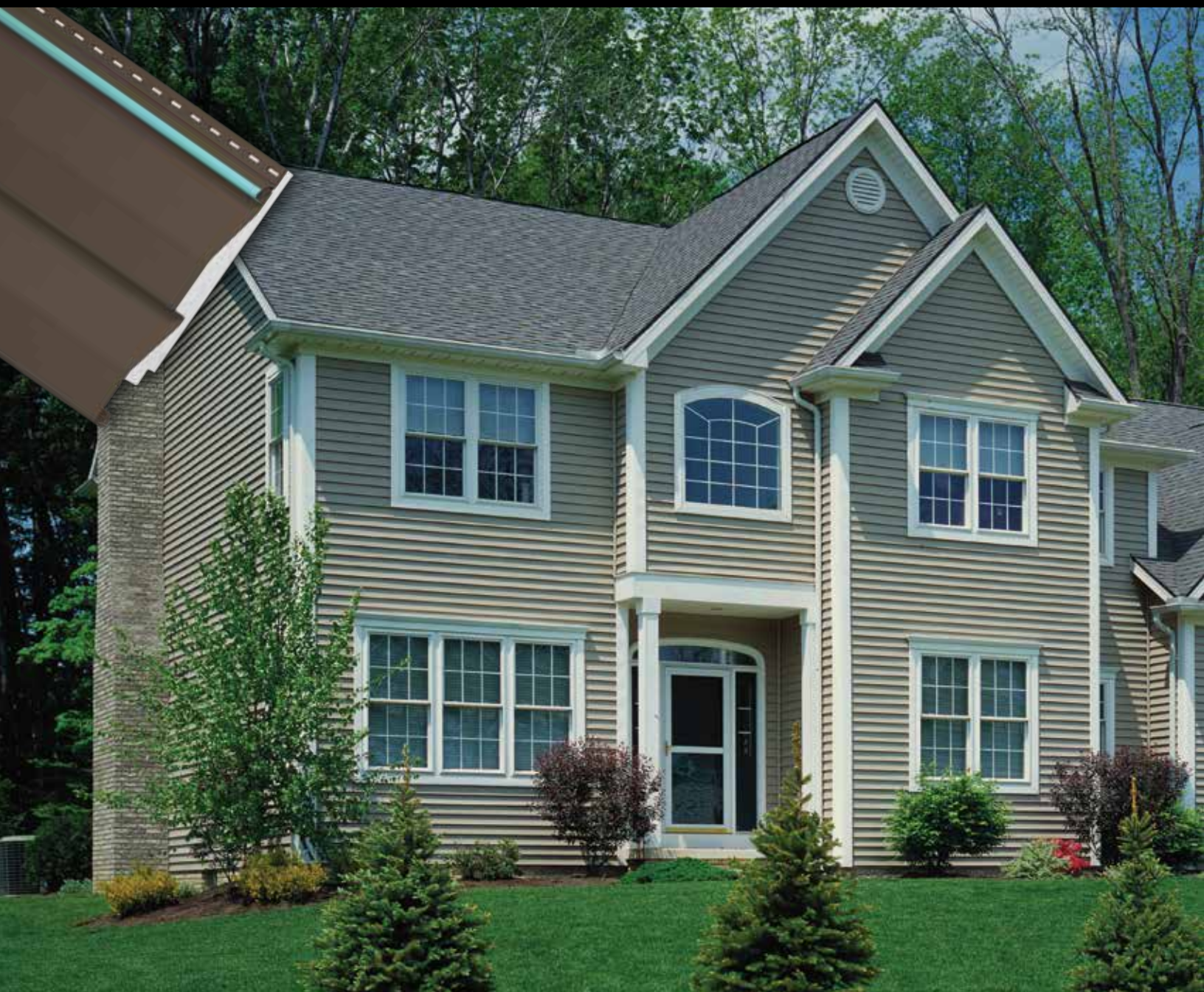
Premium Vinyl Siding with Energy-Saving Insulation



Alside[®]

CHARTER OAK® ENERGY ELITE . . . AN ENGINEERED SIDING SYSTEM

that wraps a thermal blanket snugly around your home. It delivers superior energy savings and is virtually maintenance-free.



A HOME THAT'S EASY CARE ON THE OUTSIDE AND ENERGY EFFICIENT¹ ON THE INSIDE

Charter Oak Energy Elite is a two-piece engineered siding system that combines select materials and refined designs with superior energy efficiency. Fitting snugly behind Charter Oak® siding panels, the Fullback® V contoured insulation adds valuable insulation properties and protection against impact and challenging weather. It makes the panels more rigid and creates a quieter, more comfortable home.

Charter Oak Energy Elite has as much as five times the impact resistance of conventional siding. It won't dent, bow or sag, and it won't promote the growth of mold or mildew. It also is made with Preventol® TM, a patented ingredient that discourages termites and carpenter ants from nesting behind the siding.

With Charter Oak Energy Elite, you'll enjoy its superb appearance, durability and performance, making it a great choice for generations to come.



HOW FULLBACK INSULATES AND PROTECTS

Insulated siding with a flat insulating underlayment provides little support, protection or thermal benefits. It's vulnerable to denting, bowing and noise penetration.

Charter Oak Energy Elite's contoured insulation provides a complete wall system and improves thermal efficiency, rigidity and durability. Wall lines remain straight and true and energy savings are increased. The interior environment is cooler in the summer, warmer in the winter and quieter year-round.

CHARTER OAK ENERGY ELITE WILL EXCEED YOUR EXPECTATIONS FOR ENERGY EFFICIENCY AND DURABILITY

When asked by an independent research firm what was most important to them when choosing siding, consumers responded:

- Superior insulation and reduced energy costs
- Long-lasting "fresh as paint" appearance
- Resistance to denting, scratching and everyday abuse
- Resistance to extremes of wind and weather
- Freedom from routine maintenance

MADE WITH PREMIUM RAW MATERIALS

The premium vinyl used to manufacture Charter Oak Energy Elite is a specially formulated compound, with each ingredient chosen to add specific benefits to the final product.

PureStrength vinyl resin gives Charter Oak Energy Elite its basic strength and weather resistance. It prevents moisture infiltration from rain and humidity, so panels won't rot, warp, shrink or swell. The result is low-cost, easy-care maintenance.

Ti-Shield titanium dioxide helps prevent ultraviolet degradation, so even hot summer sun won't damage the beautiful surface.

StayRight vinyl stabilizers also help prevent heat degradation, both during manufacturing and after installation.

TrueShield impact modifiers give Charter Oak Energy Elite exceptional impact resistance, helping it to stand up to the dents and dings of everyday living.

DesignersChoice pigment concentrates are used to produce beautiful high-performance color in every panel. You'll never have to stain or paint again, because the color won't wash away.

ChromaTrue® helps make Charter Oak Energy Elite better with ASA weatherable polymers, which provide superior fade resistance and weatherability for better performance. **ChromaTrue®**

Field-Fit helps eliminate the need for gluing or laminating during the manufacturing process. So while Charter Oak Energy Elite fits snugly to your home, the vinyl and insulating layers are free to move and expand, reducing the potential for warping or binding.



CHARTER OAK ENERGY ELITE'S TRIBEAM® SYSTEM

The Inside Story on Energy Savings, Beauty and Comfort



PERFORMANCE-ENGINEERED TO PROTECT YOUR HOME



The rolled-edge nail hem helps to ensure straight course lines and even walls along with increased strength to resist the force of intense winds. The result is a markedly superior installation with the built-in strength to ensure an enduring beautiful appearance. This high-performance panel has been tested to withstand negative windload resistance per ASTM D5206 and meets or exceeds the industry standard for windload performance.

EXTREME RATED CONDITIONS

Charter Oak Energy Elite is rated for superior performance in challenging climates and weather conditions.

- Insulates your home from intense heat and cold
- Industry-leading protection from fading in sun
- Resists scratches, dings and damage from hail
- Independently tested to withstand harsh winds
- Superior breathability for performance in wet climates



Traditional siding yields a hollow void between the siding and the wall.



Contoured insulation gives Charter Oak Energy Elite additional support and increased durability.



In strictly controlled laboratory comparisons, Charter Oak remained rigid, while the competition sagged.

CHARTER OAK ENERGY ELITE IS AN INVESTMENT that really pays dividends. Energy savings and freedom from maintenance are benefits you'll enjoy year after year, as well as two desirable amenities that can add value to your home and will always be a pleasure to live with.

ENERGY SAVINGS

Charter Oak Energy Elite is engineered to provide improved energy efficiency by reducing thermal bridging – the transfer of heat through wall studs and other non-insulated framing elements. This high-performance wall system creates a thermal layer of protection that can help lower your heating and cooling energy use year-round.

DURABILITY

With its TriBeam Performance System, Charter Oak Energy Elite is among the strongest products on the market, with as much as five times the impact resistance (IR) of ordinary vinyl siding.

While “hollow-back” vinyl siding can sag or warp from extreme heat and dent on impact, Charter Oak Energy Elite’s ultra-premium panel and precision-contoured insulation provide excellent durability and structural integrity. This heavy-duty wall system beautifully withstands pounding hail, flying debris and even the occasional misguided baseball.

Typically, storm damage occurs when wind gets between the siding and the wall, and twists and rips it. Because there is no void behind the siding, Charter Oak Energy Elite helps eliminate the unobstructed movement of air.

Average vinyl siding can bow or bend over time. Charter Oak Energy Elite is fully supported to stay rigid for the life of your home. Laps won't open and the appearance of premium wood siding is complete.

COMFORTABLE INTERIOR

Because it is highly insulated, Charter Oak Energy Elite can help your furnace and air conditioner work more efficiently, creating a more balanced indoor climate in your home throughout the seasons.

A MORE SUSTAINABLE CHOICE

The home that protects you can also help protect the environment. As a durable product with a long service life, vinyl siding such as those manufactured by Alside have been shown in a cradle-to-grave Life Cycle Assessment study commissioned by the Vinyl Siding Institute to have a smaller environmental footprint relative to competing materials.² In addition, the impact of vinyl siding on global warming potential is 40% less than fiber cement and 83% less than brick and mortar.³ And because it never needs to be painted, vinyl siding also helps prevent paint, stain and other maintenance-related products from being released to the environment.



INSECT RESISTANCE

Charter Oak Energy Elite is manufactured with Preventol™, a patented, organic molecule additive that discourages termites and carpenter ants from nesting behind the siding. It is registered with the Environmental Protection Agency for this application.

CHOOSE THE LOOK YOU'LL LOVE *for a* LIFETIME

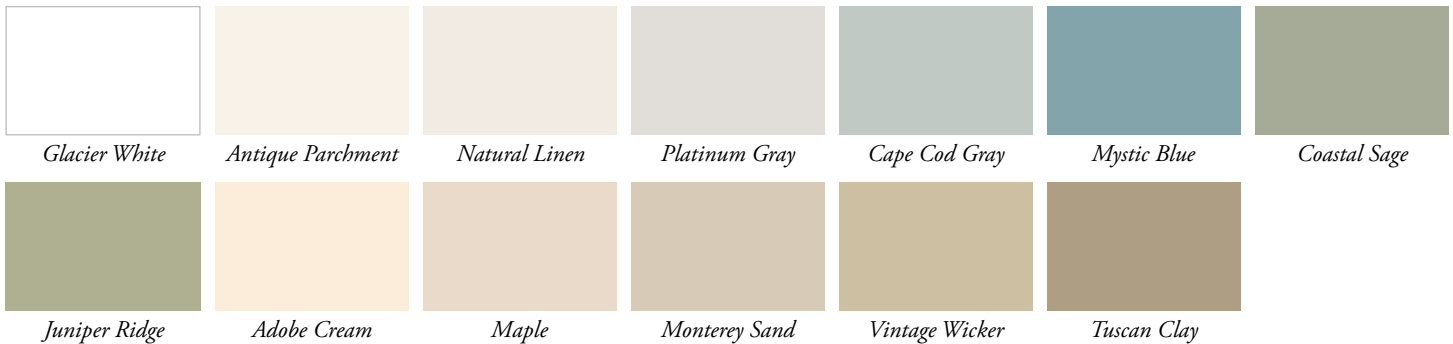
Eye-Catching Details Set Your Home Apart

CREATING YOUR EXTERIOR DESIGN HAS NEVER BEEN EASIER

Charter Oak Energy Elite is available in two timeless profile designs. The clean lines of the classic Double 4-1/2" clapboard adds rich appeal to any home style, from grand Victorian to urban contemporary. Or choose Double 4-1/2" dutch lap with its graceful cove detailing and enhanced shadow lines.

Our extensive color palette features a wide range of subtle shades and bold architectural hues to let you give your home your personal touch. Mix and match similar colors for a look that is fresh and serene, or combine contrasting shades to emphasize the architecture of your home.

STANDARD COLOR COLLECTION



ARCHITECTURAL COLOR COLLECTION



Note: Colors are as accurate as printing techniques allow. Make final color selections using actual vinyl samples. Color availability may vary by market. See your Alside Sales Representative for details.



Our darker siding colors are fortified with ChromaTrue® technology for superior color retention. This advanced copolymer compound provides long-term color stability and better performance on darker colors.

THE ART OF THE MIX

There's no need to settle for siding and trim that almost match. Alside's ColorConnect® Color Matching System offers smart solutions for every design approach. ColorConnect standards have been painstakingly applied to select Alside products to ensure you are making tasteful color choices with enduring aesthetic value and the custom look you desire.

Whether it's a rich color that draws your eye to an interesting architectural detail, or neutral hues applied to a historic home, the Alside ColorConnect Color Matching System helps you successfully match the color of your siding with other Alside exterior products and accessories.



ALL PRODUCTS ARE COLOR-COORDINATED WITH CHARTER OAK ENERGY ELITE SIDING

When you're creating an exterior design, the delight is in choosing the details. Siding color defines the total mass of your home; trim and accent details focus on particulars, highlighting those special features and characteristics that set your home apart.

Aside offers a wide selection of trim and accent products made to complement the beauty and colors of Charter Oak Energy Elite siding.



Trimworks® three-piece beaded corner post.



Trimworks 7" fluted corner post.



Trimworks traditional corner post.



Aside Premium Scallops – Victorian-inspired half-round shingles.



Aside Premium Shakes – the classic look of deep-grained cedar shakes.



Board & Batten vertical siding accentuates gables and other areas.



Charter Oak clapboard with Trimworks 5" window trim.



Charter Oak dutch lap with Trimworks 3-1/2" window trim.



Charter Oak soffit easily spans long runs without sagging.

The ESSENCE of AMERICA'S ARCHITECTURAL HERITAGE . . . Made Convenient for Today's Easy-Care Lifestyle



INDEPENDENTLY TESTED FOR QUALITY AND SAFETY

The benefits of both Charter Oak Energy Elite and the Fullback Thermal Support System have been verified by extensive laboratory testing. Charter Oak has received ASTM D3679 certification, the industry standard for quality.

PEACE OF MIND

Charter Oak Energy Elite Premium Vinyl Siding and Alside accessories are backed by lifetime limited warranties.* For complete warranty information, including limitations, please see a printed copy of the warranty.



HOME VISUALIZER

See the finished look before the work begins! Our Alside siding visualizer lets you create multiple exterior designs with just the click of a mouse. Simply select a house style – or submit a photo of your own home – and choose siding profiles, accents, soffit and trim, along with color options for doors, roofing, shutters and more. Visit www.alside.com/color-design to get started today.



CERTIFICATION PROGRAM

Pertains to Charter Oak Vinyl Siding
Consult the VSI website at www.vinylsiding.org
for a current list of certified products and colors.



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CUSTOM-CRAFTED IN
AMERICA



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