

NEW RICHER,
DARKER COLORS!


Charter Oak®
Energy Elite
INSULATED SIDING

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 a lifetime of energy savings and is virtually maintenance-free.



A HOME THAT'S MAINTENANCE-FREE ON THE OUTSIDE, ENERGY-EFFICIENT ON THE INSIDE

Charter Oak Energy Elite is an engineered siding system that combines select materials and refined designs with energy efficiency second to none. Fitting snugly behind Charter Oak® siding panels, the Fullback® Thermal Support System adds valuable insulation properties and protection against impact and extremes of 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. It won't promote the growth of mold or mildew or contribute to "sick home syndrome." And it 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 a lifetime of energy savings, beauty and durability making it a great choice for generations to come.



HOW FULLBACK INSULATES AND PROTECTS

Low-quality siding installed over flat underlayment provides little support, protection or thermal benefits. It's vulnerable to denting, bowing, noise penetration and damage from wind, weather and accidents.

Charter Oak Energy Elite provides a complete wall system and dramatically improves thermal efficiency, rigidity and durability. Wall lines remain straight and true and energy savings are substantial. The interior environment is cooler in summer, warmer in 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 ONLY THE VERY BEST MATERIALS

The premium vinyl used to manufacture Charter Oak Energy Elite is a proprietary compound where each ingredient contributes specific benefits.

PureStrength™ vinyl resin provides superior strength and weather resistance. It prevents moisture infiltration, so panels won't rot, warp, shrink or swell, and makes Charter Oak Energy Elite virtually maintenance-free.

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

StayRight™ vinyl stabilizers help prevent heat degradation during manufacturing and for the life of your home.

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 produce colors that go clear through each panel for color that can't wash away. You'll never have to paint or stain again.

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

Field-Fit eliminates 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.

ChromaTrue® 



CHARTER OAK ENERGY ELITE'S TRIBEAM® SYSTEM

The Inside Story On Energy Savings, Beauty and Comfort.



PERFORMANCE-ENGINEERED TO PROTECT YOUR HOME



The advanced engineering of Charter Oak Energy Elite's TriBeam® System delivers superior rigidity, helping to ensure straight course lines and even walls for both new construction and existing homes. No other siding offers this system.

A rolled-edge nail hem ensures superior resistance to the shearing force of extreme winds. To define extreme, we put Charter Oak to another test. The result: Charter Oak stayed nailed in place in winds reaching the intensity of Category 5 hurricane-force winds, the designation used by the National Hurricane Center to identify the most destructive storms.

EXTREME RATED CONDITIONS

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

- Insulates your home from extremes of heat and cold
- Industry-leading protection from fading in sun
- Resists scratches, dings and damage from hail
- Independently tested to withstand Category 5 hurricane-force winds
- Superior breathability for performance in wet climates



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



Contoured insulation give 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 so desirable that chances are your new siding can more than pay for itself in increased home value. And it will always be a pleasure to live with.

ENERGY SAVINGS

Charter Oak Energy Elite is engineered to provide improved energy efficiency by helping to reduce thermal bridging – the transfer of heat through wall studs and other non-insulated framing elements. Your energy bills can be lowered with this high-performance engineered wall system.

DURABILITY

With its TriBeam Performance System, Charter Oak Energy Elite is among the strongest products on the market. Charter Oak Energy Elite is stronger and more durable than conventional siding because it is not hollow.

Charter Oak Energy Elite has as much as five times the impact resistance (IR) of ordinary siding. You'd have a hard time denting it, even with a hammer. That's how well it stands up to hail and accidents.

Storm damage typically 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 eliminates the unobstructed movement of air and solves this problem.

Average 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, and provide more even heating and cooling in your home throughout the seasons.

HEALTHIER ENVIRONMENT

Charter Oak Energy Elite is up to 500% more breathable than other insulated systems. This means that it will not support the growth of mold or mildew, or contribute to sick home syndrome. Independent laboratory tests have also proven that it will not absorb or retain moisture.



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 and is nontoxic and safe to handle.

DID YOU KNOW for nearly two decades vinyl siding has been a leading choice for exterior cladding on new single-family homes. This broad appeal stems not only from its beauty, durability, and easy upkeep, but also from the fact that vinyl siding adds value to homes.

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

Eye-Catching Details Set Your Home Apart.

CHOOSING COLOR FOR YOUR HOME HAS NEVER BEEN EASIER

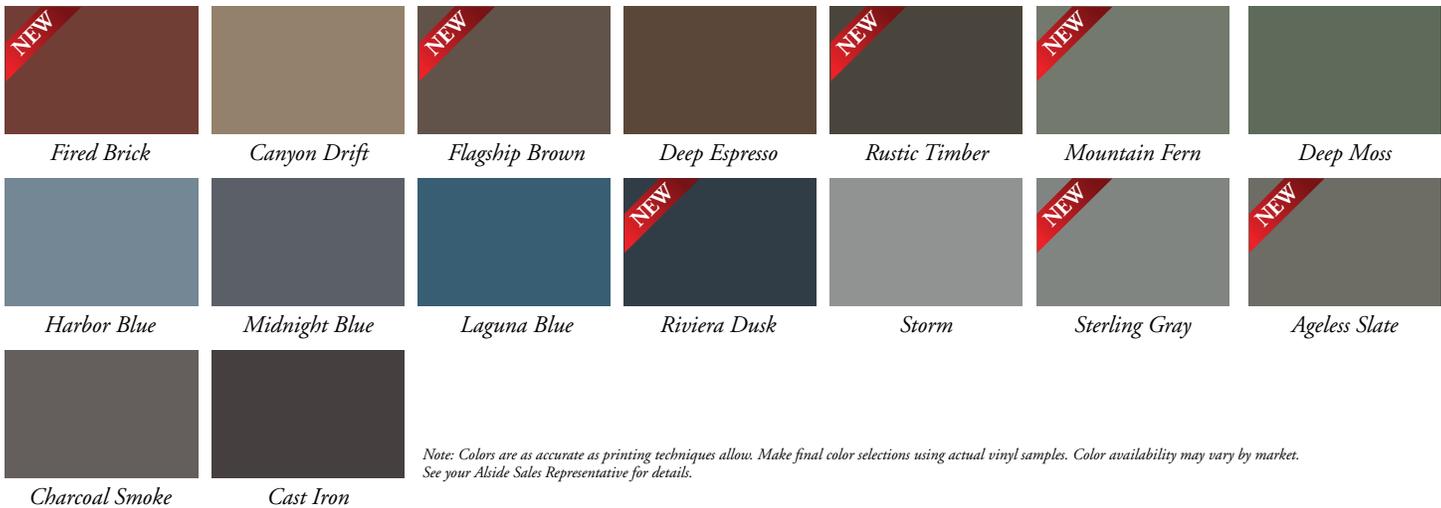
The classic look of premium, freshly painted wood is the most desirable exterior finish available today. The authentic texture and profiles, deep shadow lines and designer color palette of Charter Oak Energy Elite define the look you'll love for a lifetime.

All-American profiles. The clean, simple lines of the **classic clapboard** profile add rich appeal to any architectural style from grand Victorian to seaside contemporary. Available in 4 1/2" exposure width. **Dutch lap** styling, distinguished by its graceful cove detailing, adds an interesting dimension to a range of home styles. Available in 4 1/2" exposure width.

STANDARD COLOR COLLECTION



ARCHITECTURAL COLOR COLLECTION



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 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.



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



Aside Premium Scallops – Victorian inspired half-round shingles.



Charter Oak clapboard with Trimworks 5" window trim.



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



Trimworks custom crown molding used with wood window trim.



Greenbriar® Vintage Beaded soffit and Trimworks soffit crown molding.



Horizontal band board provides a strong horizontal accent.

The BEST of AMERICA'S ARCHITECTURAL HERITAGE . . . Made Convenient for Today's Busy Homeowners



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.

SUSTAINABLE SOLUTIONS FOR YOUR BEAUTIFUL HOME

Choosing the best exterior for your home not only presents exciting design opportunities, it also offers the chance to take a positive step toward environmental stewardship and resource efficiency. When you consider the numerous advantages vinyl siding offers in appearance and performance, you'll see why it's a leading choice – one that meets your every design inspiration while reducing our carbon footprint and protecting the planet.

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.



DESIGN SHOWCASE

See the finished look before the work begins! Our Siding Design Showcase lets you create multiple exterior designs with just the click of a mouse. Simply select a house style 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.



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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