

# Charter Oak® Premium Vinyl Siding

featuring Neopor® Thermal Foam Technology

Up to  
**20%**  
increased R-value performance!\*



*Radiant heat moves through Neopor insulation. It reflects it over and over again, significantly slowing down the transfer of heat and making it more energy-efficient.*

### *Future-Forward Performance and Style.*

It's the height of impeccable design mixed with breakthrough energy-saving technology. From the first glance, you'll appreciate the exceptional craftsmanship of Charter Oak® Reinforced Premium Vinyl Siding, with its luxurious appearance of freshly painted wood, handsome shadow lines and refined quality.

Beneath the eye-catching elegance is another remarkably beautiful component – a high-performance contoured insulation that blocks energy loss while infusing each panel with strength and impact resistance. Together, this advanced siding system delivers year-round energy savings wrapped in a superb home exterior.

### *A Beautifully Smart Siding Solution*



A premier choice for beauty and energy savings, Charter Oak siding expertly pairs with Neopor foam technology to deliver outstanding energy efficiency and durability. The innovative contoured foam underlayment makes Charter Oak stronger and more impact resistant while also providing a protective thermal barrier with greater insulating power.



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## Crafted with Precision



Charter Oak's performance distinction begins with an exclusive TriBeam® design and panel construction. The substantial .046" siding thickness,† fully rolled over nail hem and 3/4" butt height projection ensure excellent durability and rigidity. The premium vinyl panel is colored through and through for carefree upkeep; it won't chip, flake or peel and never needs to be painted.

Maximum energy efficiency is achieved with Neopor foam technology. The Neopor beads integrate high-purity graphite particles in the foam cell structure. The graphite reflects radiant heat and significantly improves thermal performance to help conserve more energy year-round.

## Prevent Thermal Bridging and Energy Loss

Approximately 25% of a home's wall surface is made up of wood studs that typically are not insulated. The studs allow energy to escape, a process known as "thermal bridging," which reduces the energy efficiency of the entire wall. Charter Oak with Neopor insulation prevents this thermal break by shielding your home with a protective barrier.

- Increases R-value (resistance to heat flow) to keep your home warm in the winter and cool in the summer with less energy usage
- Allows moisture vapor to escape for a healthy, dry wall assembly
- Increases impact resistance for long-lasting beauty – prevents sagging, bowing and denting
- Helps block outside noise for a comfortable indoor environment
- Naturally pest-resistant – nontoxic, patented PREVENTOL® TM EPS additive discourages pests from nesting behind the siding
- Built weathertight and laboratory tested to resist Category 5 hurricane-force winds



Before siding insulation. Energy transfers through the studs and siding.



After siding insulation. No more energy leaks through the sides of your home.

## Lifetime Limited Warranty by Alside

Charter Oak has peace of mind built right in, proudly offering one of the strongest warranties in the industry. Charter Oak siding and accessories are backed by lifetime limited warranties,\*\* including fade protection, and are even transferable to the next owner of your home.

## CONTEMPORARY COLOR COLLECTION



## ARCHITECTURAL COLOR COLLECTION



††Available in oak grain only.  
Note: Colors are as accurate as printing techniques allow. Make final color selections using actual product samples. All colors may not be available in all markets.



When it comes to designing your home, personal taste is everything. Visit [alside.com](http://alside.com) and click on Design Showcase to bring your inspirations to life.

## ChromaTrue®

ChromaTrue helps make Charter Oak better with ASA weatherable polymers which provide superior fade resistance and better performance on darker colors.



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