Synthetic Slate and Shake

Highly Sustainable | Tested Performance | Proven Longevity | Uncompromised Beauty
Thank you for your interest in EcoStar.

EcoStar was established in 1993 to meet the need for a recycled synthetic alternative to natural slate roofing. That need led to the manufacture of our first line of synthetic product – Majestic Slate. For more than 20 years, we have been dedicated to protecting precious natural resources by offering our discerning customers products made with recycled plastic and rubber.

Since then, we have expanded our product lines to include Seneca Shake, a synthetic wood shake, and our innovative, energy-saving Empire product lines. Now, EcoStar is excited to introduce its newest product – Niagara Slate. Niagara Slate is our largest synthetic slate roofing tile that is 5/8” thick and comes in 12” or 14” widths, offering an enhanced shadow line. The 14” Niagara tile offers 40%+ more coverage than Majestic Slate 12” Traditional tiles for an even greater aesthetic appeal.

Many satisfied commercial and residential customers have realized the benefit of adding a durable, environmentally friendly roof that provides unique architectural appeal. We hope you will enjoy the many benefits of an EcoStar roof.

Please visit www.ecostarllc.com for more information.
"We couldn’t be happier with the product. We have used a blend of 10” and 12” Majestic tiles on several high end residential projects. Our customers are thrilled with the end result."

- President, Nutter-Cognac General Contracting
The EcoStar Difference

As the leading manufacturer of sustainable roofing tiles, we recognize the challenges our world faces regarding Earth’s limited resources, non-renewable energy sources, and responsible disposition of waste.

EcoStar LLC leads the composite steep-slope roofing industry with its premium synthetic slate and shake roofing tiles. EcoStar products are made to the highest of standards and are the environmentally responsible choice for contractors, specifiers, architects, and property owners.

EcoStar tiles are manufactured with a material made of up to 80% recycled post-industrial rubber and plastic. Your purchase of EcoStar products assists in the diversion of millions of pounds of scrap rubber and plastic from landfills annually. By using recycled materials, EcoStar tiles aid in the preservation of natural resources. No trees are cut down and no slates are quarried for the manufacture of EcoStar products.

EcoStar strives to provide aesthetically pleasing synthetic slate and shake roofing tiles designed to conserve natural resources.

Manufactured in strict adherence to ISO 9001 Quality Management.

EcoStar LLC—pioneers of sustainable roofing since 1993.
“EcoStar’s curb appeal and durability are second to none. They offer the ability to blend different cuts and colors to design a roof system that will last a lifetime.”

- Stonebrook Roofing Inc.
  Lincoln, NE
Traditional Slate

The enduring beauty of slate.
An affordable and environmentally friendly alternative to natural slate, our Traditional Slate lines of recycled roof tiles capture the beauty of real slate.

Featured image: Majestic Slate 12” Traditional in Midnight Gray. Lynden, WA.

Featured tiles: Majestic Slate 12” Traditional in Smoke Gray, Federal Gray and Stone Red
Discover more design ideas in our online photo gallery at www.ecostarllc.com
Niagara Slate

The thickest, most natural-looking profile

Bigger is better when it comes to Niagara Slate, EcoStar’s largest profile slate that was designed to create enhanced shadow lines for maximum aesthetic appeal.

Featured image: Empire Niagara Slate 12” in Federal Gray Wide Spec. Walton, NE.

Photo courtesy of Carlson Projects Inc.

Featured tiles: Niagara Slate 12” in Federal Gray, Sage Green and Mountain Plum
Discover more about Niagara Slate at www.ecostarllc.com
The Maximum Appeal of Niagara Slate

Bigger is better when it comes to EcoStar’s latest innovation. Niagara Slate is a natural-looking, 5/8” thick, synthetic slate roofing tile produced in 12” and 14” widths. The 14” tile offers 40%+ more coverage and the 12” tile offers 20%+ more coverage than our Majestic Slate 12” Traditional tile for an even greater aesthetic appeal.

The added size allows each Niagara Slate 14” tile to cover one square foot of roof deck at the 10” exposure (100 tile/square) while maintaining a minimum 2” of headlap throughout. An additional 9” exposure option allows for the creation of unique looks using staggered or random width offset installations.

This design consumes less raw material, reduces roof load by up to 20% and lowers installation labor by 30%. Niagara Slate is available in our Majestic and Empire lines. Majestic Niagara Slate is manufactured from 80% post-industrial recycled materials and Empire Niagara Slate is manufactured from 25% post-industrial recycled materials.

EcoStar roofing tiles, including the larger Niagara Slate, provide long-lasting durability, superior protection against extreme weather conditions and 50 years of warranty coverage.

“We have installed Majestic and Niagara Slate and both are amazing. EcoStar Majestic Niagara is such a great blend of ideas – the durability of Majestic Slate with the more substantial look of Niagara. Our customers love both products, but Majestic Niagara is an instant classic.”

- Greg Carlson, Carlson Projects Inc.
Majestic Niagara Slate 12” in Midnight Gray, Federal Gray and Mountain Plum

Top: Majestic Niagara Slate 12” in Federal Gray Wide Spec
Bottom: Majestic Niagara Slate 12” in Federal Gray. Walton, NE.
Innovative Design, Classic Slate Look

EcoStar Slate

Post-industrial recycled compounds are utilized to create a lightweight and environmentally responsible alternative to natural slate. An EcoStar roof offers beautiful, yet proven protection for your most prized investment. It is an inspiration to homeowners looking for affordable style and uncompromised performance.

Significant advantages:

• Weights significantly less than real slate
• Protects against extreme weather conditions
• Reduces need for maintenance and repair
• Lessens environmental impact
• Exceeds industry performance standards
• 50-year warranty

Profiles

Achieve a custom look by combining multiple profiles

Looking for a more unique look?
Give the visual impact your property deserves by choosing a combination of colors or by developing a custom color. See page 16 to learn more.

*Majestic Slate & Majestic Niagara Slate Colors

<table>
<thead>
<tr>
<th>Black</th>
<th>Mountain Plum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midnight Gray</td>
<td>Stone Red</td>
</tr>
<tr>
<td>Federal Gray</td>
<td>Cedar Brown</td>
</tr>
<tr>
<td>Smoke Gray</td>
<td>Driftwood</td>
</tr>
<tr>
<td>Earth Green</td>
<td>Chestnut Brown</td>
</tr>
<tr>
<td>Sage Green</td>
<td></td>
</tr>
</tbody>
</table>

*Color samples may not accurately represent the true color level or variations of color blends that will appear on the roof. Colors and specifications subject to change without notice. EcoStar is not liable for color variations or shading.
The right tile for any property

Whether you are looking to elevate the look of a residential property, meet the performance needs of a commercial property, or preserve the look of a historical property, Ecostar offers the right tile.

Majestic Slate

EcoStar’s original eco-friendly tile, made of 80% recycled materials, meeting the needs of most residential applications.

Empire Slate

The same classic slate look with additional energy-saving benefits, and design features that meet the needs of commercial and historical properties.

Traditional vs. Niagara

The Niagara Slate profile is available in the Majestic and Empire formulas, but offers an increased tile size and thickness for enhanced shadow lines and increased aesthetic appeal.

<table>
<thead>
<tr>
<th>Tile Features</th>
<th>Majestic Slate</th>
<th>Empire Slate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent Recycled Material</td>
<td>80%</td>
<td>25%</td>
</tr>
<tr>
<td>Tile Widths</td>
<td>10”, 12”</td>
<td>10”, 12”</td>
</tr>
<tr>
<td>Tile Thickness (at butt edge)</td>
<td>1/4”</td>
<td>1/4”</td>
</tr>
<tr>
<td>Exposure</td>
<td>6”, 7”</td>
<td>6”, 7”</td>
</tr>
<tr>
<td>Cool Colors</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Rating</td>
<td>Class C</td>
<td>Class A</td>
</tr>
<tr>
<td>Impact Rating</td>
<td>Class 4</td>
<td>Class 4</td>
</tr>
<tr>
<td>Designer Tiles</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Cool Colors

Enjoy additional energy savings from our line of cool colors, only available in Empire tiles.

Note: Cool colors are also available in non-cool formulas.

“Ecostar is the cream of the crop – from the people who produce it, to the product, and right down to the installation. It’s a product made from recycled material with an authentic look, backed by one of the best warranties in the industry.”

- Ronald Cole, The Roof Connection
Shake & Shake Plus

The enduring beauty of shake.

EcoStar’s Seneca Shake, Empire Shake and Empire Shake Plus tiles create the look of authentic hand-split wood shake while providing protection from fire, resistance to the elements and requiring little-to-no maintenance.

Featured image: Empire Shake and Empire Shake Plus Aspen Blend in Freeport Federal Wide Spec. Black River Falls, WI.

Featured tiles: Seneca Shake in Sage Green, Cedar Brown and Stone Red
Discover more design ideas in our online photo gallery at www.ecostarllc.com
Sustainable Design, Hand-crafted Appeal

EcoStar Shake

EcoStar Shake tiles replicate the look of natural hand-split cedar shakes. The tile molds have been custom crafted using real wood shake tiles as a template to create an intricate texture that appears truly natural. Compare Ecostar shake to any other synthetic shake product and you will see the difference.

Significant advantages:

- Reduced maintenance and repairs
- Longer life
- Exceeds industry performance standards
- Mold and algae resistant
- Resistant to weathering, rot and cracking
- Reduced environmental impact
- Available in multiple colors, sizes and thicknesses
- 50-year warranty

Tile blends for a natural look

Our Standard Blend uses a mixture of all three widths to give the tile a more natural appeal. For even greater visual impact, our Aspen Blend mixes all three widths with 70% 3/8” thick Empire Shake and 30% 3/4” thick Empire Shake Plus.

Want to customize your curb appeal?

Give the visual impact your property deserves by choosing a combination of colors or by developing a custom color. See page 16 to learn more.
The right tile for any property

Whether you are looking to elevate the look of a residential property, meet the performance needs of a commercial property, or preserve the look of a historical property, Ecostar offers the right tile.

Seneca Shake

EcoStar’s original synthetic shake tile, meeting the needs of most residential roofing and siding applications, and made of 80% recycled material.

Empire Shake

The same classic shake look with additional energy-saving benefits, and design features that meet the needs of commercial and historical properties.

Empire Shake Plus

All the benefits of Empire Shake with a 3/4” thickness for even greater aesthetic appeal.

<table>
<thead>
<tr>
<th>Tile Features</th>
<th>Seneca Shake</th>
<th>Empire Shake</th>
<th>Empire Shake Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent Recycled Material</td>
<td>80%</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>Tile Widths</td>
<td>6”, 9” and 12” blend</td>
<td>6”, 9” and 12” blend</td>
<td>6”, 9” and 12” blend</td>
</tr>
<tr>
<td>Tile Thickness (at butt edge)</td>
<td>3/8”</td>
<td>3/8”</td>
<td>3/4”</td>
</tr>
<tr>
<td>Exposure</td>
<td>7” or 8”</td>
<td>7”, 8” or 9”</td>
<td>7”, 8” or 9”</td>
</tr>
<tr>
<td>Cool Colors</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Rating</td>
<td>Class C</td>
<td>Class A</td>
<td>Class A</td>
</tr>
<tr>
<td>Impact Rating</td>
<td>Class 4</td>
<td>Class 4</td>
<td>Class 4</td>
</tr>
</tbody>
</table>

Cool Colors

Enjoy additional energy savings from our line of cool colors, only available in Empire tiles.

Note: Cool colors are also available in non-cool formulas.

“We take great care in selecting the products that we suggest to our customers. EcoStar products provide the aesthetics that our customers want and offer the durability and a warranty that we can depend on. We have been installing EcoStar roofs for more than a decade and have many satisfied customers.”

- Hedburg & Son Roofing
Custom Options to Fit Your Style

Color Blends

EcoStar provides unlimited potential to enhance the beauty of your property with the available option of color blends. From “wide-range” blends that provide the subtle elegance of one-color shade variation to completely custom multicolor mixes that create a striking and unique style.

Color blend examples:

- Majestic Slate 12” Traditional in Gray Custom Blend with Staggered Installation
- Empire Shake & Empire Shake Plus Aspen Blend in Driftwood Wide-Range
- Empire Slate 12” Traditional in Ancient Quarry Marbled Blend
- Majestic Slate 12” Traditional in Gray Custom Blend
- Empire Slate 12” Traditional in Rolling Meadow Marbled Blend

"Due to the shrinking supply and increasing cost of quality red cedar shake, we were concerned we wouldn’t be able to maintain the historic look of one of our Greenfield Historical Society buildings. Thanks to EcoStar synthetic shake, we were able to install a roof that not only matched the aesthetic appeal of natural cedar, but included recycled content and a 50-year warranty!"

- Bob Roesler, President Greenfield Historical Society
Marbled Finishes

EcoStar offers six beautiful marbled blends. Each blend contains 3-5 different marbled tiles offering a unique look for any project. Our marbled blends are also available in solid colors. Ask your rep for more details.

Riverbed  Feathered Driftwood  Vineyard
Rolling Meadow  Harvest Hill  Ancient Quarry

Custom Colors

EcoStar's production team can create slate and shake tiles with unique hues based on samples of material, paint swatches, or Pantone® color numbers that highlight your property. Design ideas for your project are endless.

“The owner loves it! In fact, other state park lodges have asked for that blend of tiles be used to reroof their lodges.”

- Wolfrum Roofing & Exteriors, LLC

Blend used was Empire Shake and Empire Shake Plus Aspen Blend in Driftwood Wide Spec

Empire Slate 12” Traditional in custom color blend of Pipestone, Plant, Buzzard, Well Read, Tabernacle and Grass Clippings
Commercial and Historic Applications

Exceeding the demands of commercial properties

As a pioneer of synthetic roofing products since 1993, EcoStar has become a favorite for educational buildings, religious facilities and government projects. EcoStar roof systems exceed best practice roofing techniques with a minimum of 2’ headlap required in all installations, ensuring the longevity of your roof. All EcoStar products are manufactured under strict adherence to ISO 9001 quality management standards.

Preservation meets conservation

EcoStar products allow preservationists to match the distinctive look of an original roof while meeting modern day performance expectations, limiting the use of natural resources, reducing waste and minimizing carbon footprint. Focusing on reducing, reusing and recycling promotes the lasting benefits of conservation while allowing us to protect our cultural heritage. EcoStar tiles offer flexible installations, such as staggered and offset, to better match original roof designs. EcoStar has been approved for use in historic preservation projects throughout the United States.

Features and benefits:

- Weighs significantly less than natural slate
- Requires little-to-no maintenance
- Offers energy-saving cool colors
- Includes 80% post-industrial recycled content
- Easy application keeps installation costs down
- May contribute toward LEED certification
- Available in a wide variety of profiles and colors
- 50-year warranty is standard

Majestic Slate has been widely accepted by preservationists and historians for more than 20 years.

“EcoStar has accentuated the beautiful Christopher Newport University. It’s cost effective, environmentally friendly and aesthetically pleasing.”

- University Architect, Christopher Newport University

Top: Empire Shake in Manhattan Midnight. Silver Plume, CO.

Bottom: Majestic Slate 12’ Traditional in Federal Gray, Midnight Gray, Earth Green and Mountain Plum. Lovettsville, VA.
“We were grateful to find EcoStar to replace the old leaky roof at McCoy Memorial Library. The 1884 building needed a product to withstand hail and wind and would look like that of the original unique shaped slate. Majestic Slate Chisel Point created the perfect harmony of modern performance and an original look for our beloved library.”
- Mayor Richard Dietz, City of McLeansboro, Illinois


Top: Majestic Slate 12” Traditional in Earth Green, Chestnut Brown and Midnight Gray. Portland, NY.
Bottom: Majestic Slate 12” Traditional in Midnight Gray, Smoke Gray and Federal Gray. Lincoln, NE.

www.ecostarllc.com
Installation and Accessories

EcoStar’s extensive network of Gold Star Applicators have been professionally trained to provide you with a remarkably beautiful installation. Our accessories are designed to complement EcoStar synthetic roofing tiles, and are proven to extend the longevity of a roofing system.

Glacier Guard
Glacier Guard is an impermeable self-adhering membrane, offering enhanced protection against moisture penetration.

EcoVent
EcoVent is a continuous tile-over ridge vent that efficiently removes moisture build-up in the attic space of a building.

Aqua Guard
Aqua Guard is a versatile roofing underlayment offering a stronger and lighter alternative to traditional felt.

EnBase & EnVent
EnBase is a rigid roof insulation composite panel, available in a large variety of options to meet the long-term thermal resistance value (R value) needs of your project. Available in vented and non-vented configurations.

EcoStar Fasteners
Our stainless steel fasteners provide superior strength and resistance to corrosion, staining and leaking.

Our reliable protection encompasses every component of the EcoStar roof installation.

Withstanding the Tests

- 110 mph wind warranty available
- Prolonged UV exposure ASTM G26-95
- UL listed Class A and Class C fire resistance (UL790) available
- Class 4 impact resistance (UL2218)
- Nail pull-through ASTM D31-63
- 50-year product warranty available

A roof that is just as reliable as it is beautiful is the result of having Gold Star-Certified Applicators at every installation.
Complete Warranty Protection

A standard 50-year Limited Material Warranty is offered at no extra charge with the purchase of an EcoStar roof. To ensure that your EcoStar roof will perform at its best, consider the benefits of our transferable 50-Year Gold Star Limited Labor and Material Warranty.

**Standard Warranty**
Non-Transferable, Limited Materials

**Gold Star Warranty**
Transferable, Limited Labor and Materials

Call us today at **800.211.7170**
or visit **www.ecostarllc.com** for more information.

Proudly approved and certified by the following organizations:

Underwriters Laboratories (UL)®
Texas Department of Insurance
Florida Building Code

Visit www.ecostarllc.com for a complete listing of approvals and certifications.

EcoStar representatives are available for information about energy savings and homeowners insurance discounts. Visit our website to find your local representative.
Durable, sustainable building product

• Made with recycled rubber and plastic

• Less than half the weight of natural slate

• Class C and Class A fire ratings available

• Class 4 impact resistance rating

• 50-year transferable warranty available

Visit our website and social media channels to learn more about our line of products, discover design ideas, and find out how you can get your own EcoStar sustainable roof.