



# Sustainable Roofing



## Empire Shake & Empire Shake Plus



*Environmentally friendly synthetic shake roofing tiles proudly made in the USA*

*Pioneers of sustainable roofing since 1993*

# Empire Shake & Empire Shake Plus



Natural wood shakes hold a prominent position in the roofing market with their aesthetic appeal. Unfortunately that aesthetic appeal is accompanied by significant challenges due to poor long-term performance, high maintenance, short life cycle and tendency to rot. Empire Shake™ and Empire Shake Plus™ roofing tiles from EcoStar LLC provide eco-friendly, and hassle-free, synthetic alternatives to wood shake roofing. Empire Shake and Empire Shake Plus combine the classic architectural detail of natural wood with the modern performance, long life cycle and energy efficiency found with synthetic tiles.

EcoStar has been the leading manufacturer of premium synthetic steep-slope roofing tiles since 1993 using innovative plastics technology to improve durability and rot resistance for the roofing industry. Empire Shake and Empire Shake Plus come in a wide range of colors, two thicknesses, and three widths. All of these elements can be used to create a truly unique home or facility.

Enhance your investment with the true value of Empire Shake and Empire Shake Plus tiles available in standard and cool colors, or ask about creating your own custom color.

## Empire Shake and Empire Shake Plus Color Palette



Note: Sample pieces, photographs or color samples may not accurately represent the true color level or variations of color blends that may appear on a roof. Before installation, ten tiles or so should be laid out and reviewed for conformity to desired color level. If color levels are unsatisfactory, advise your dealer before proceeding with installation. Colors and specifications subject to change without notice. EcoStar is not liable for color variations or shading. Tiles must be randomly blended for best results. Limited warranties carry terms and conditions. <sup>1</sup>Cool colors may provide energy savings in summer months by reducing air conditioning use. For more information about energy savings visit EPA.gov. <sup>2</sup>Significant property insurance discounts may be available when upgrading or building a roof to protect against hail, wind or fire damage in regions where severe weather is common. EcoStar tiles meet or exceed industry standards for Impact Resistance and Fire Resistance. Contact your insurance provider for details. <sup>3</sup>Cool Colors- Saratoga Sunset, Sea Salt and Drifting Dunes have been tested to exceed initial reflectivity of  $\geq 25$  for steep slope roofs.

07/14 © 2014 by EcoStar LLC. EcoStar, Empire Shake and Empire Shake Plus are trademarks of EcoStar LLC. See [www.ecostarllc.com](http://www.ecostarllc.com) for available warranties P/N-606004 ECO-EMPIRE SHAKE CUT SHEETS

## Advantages

- Provides the look of traditional cedar shake without extensive maintenance and rot
- Easy application keeps installation costs down
- Significant property insurance discounts may be available when upgrading or building a roof to protect against hail, wind or fire<sup>2</sup>
- Cool colors help reduce energy used by air conditioning units, typically resulting in energy savings between 10-30%<sup>1</sup>

## Architectural Flexibility

- Empire Shake & Empire Shake Plus can be blended together for unique architectural depth
- Available in 12 standard color choices and unlimited custom colors
- Packaged in a blend of 6", 9" and 12" widths
- The 3/8" thick Empire Shake and 3/4" thick Empire Shake Plus create the natural appearance of traditional cedar shake

## Strength & Durability

- Formulated to provide improved durability and superior protection from extreme conditions that include wind, hail and driving rain
- Significant life cycle savings

## Warranty Options

- 50-Year Limited Material Warranty available
- 50-Year Gold Star Labor & Material Warranty available
- 110 mph Wind Warranty available

## Environmental Sustainability



- Manufactured with post-industrial recycled plastics
- Cool colors contribute to the mitigation of the urban heat island effect<sup>3</sup>

## Technical Information

- UL listed Class A or C fire resistance (UL 790)
- UL Class 4 impact resistance (UL 2218)
- UL listed wind resistance to 110 mph (D3161)
- Prolonged UV Exposure (ASTM G155)
- Fungus resistant (ASTM G21-09)
- Miami-Dade approved (NOA No. 13-1203.07)
- Contributes to LEED® points



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