



Seneca Shake

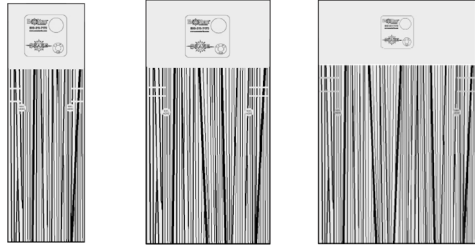
Polymeric Shake Tile Roof System

PRODUCT TECHNICAL DATA

DESCRIPTION

Seneca Shake is a rubber and plastic-based Class C roof tile designed to provide the look of natural cedar shake. Seneca Shake is manufactured with a state of the art formulation using virgin and recycled polyolefin polymers.

Seneca Shake tiles come in 6" (152 mm), 9" (229 mm) and 12" (305 mm) widths. They are 19" (183 mm) long, 3/8" (10 mm) nominal thickness, and are available in eleven (11) standard colors.



6" (152 mm) 9" (229 mm) 12" (305 mm)

ADVANTAGES

Seneca Shake provides the look of natural shake with these added advantages:

- High impact resistance that provides protection from hail, falling branches, foot traffic, ice and snow damage.
- The color in Seneca Shake has been added during formulation providing for color throughout the product. As with all roofing products, natural weathering will occur.
- EcoStar provides warranties for Seneca Shake for up to 50 years.

INSTALLATION

Temperature – If tiles have been stored in temperatures below 45°F (7°C), they must be restored to a temperature above 45°F (7°C) before installation. Ambient temperature should be at least 34°F (1°C) and rising.

Substrate – Seneca Shake should only be installed on a minimum of 1/2" (13 mm) plywood, minimum 7/16" (11 mm) OSB or minimum 3/4" (19 mm) tongue and groove wood decking. Seneca Shake should not be applied over existing roof materials. Existing roof materials must be removed down to the deck, prior to installation.

Slope – Seneca Shake is not recommended for slopes less than 3/12 (14°). On roofs less than 6/12 (27°), Seneca Shake must be installed with a 7" (178 mm) exposure. On roofs 6/12 (27°) or greater, Seneca Shake may be installed with a 7" (178 mm) or 8" (203 mm) exposure.

Underlayment – Prior to installation, **Glacier Guard™** underlayment should be applied to all rakes, valleys, ridges, hips, eaves and any protrusions. **Aqua Guard™** is then applied over the remaining deck surface.

Fasteners – Fasteners must be ring shank stainless steel. **EcoStar Fasteners** are available in either hand drive style or pneumatic coil.

Color Variation – All Seneca Shake tiles come with shade variation. EcoStar tiles that have been ordered and supplied to the job site under one EcoStar sales order number are blended at the factory and do not need to be blended onsite before installation. It is always the responsibility of the applicator to make frequent inspections from the ground or other vantage point to ensure that random shading occurs. EcoStar will not be held responsible for correcting the appearance of non-random installations. Roofers must inspect the roof frequently to prevent customer dissatisfaction.

NOTE: If EcoStar tiles have been supplied to the job site under two or more EcoStar sales order numbers, all tiles must be blended together on-site before installation. Specific blending instructions can be found at www.ecostarllc.com on the "Resource Library" page. EcoStar will not be held responsible for correcting the appearance of unblended installations.

Natural weathering will produce further shade variations, even in tiles appearing to be identical in color when new.

Ventilation – The use of ridge venting systems is highly recommended. Mushroom cap style vents may be used, but ridge venting provides better venting and improves the aesthetic appearance of the roof system.

Please refer to the Seneca Shake Installation Guide for specifics of installation.

PRODUCT SPECIFICATIONS

PRODUCT CHARACTERISTICS	
Length	19" (483 mm)
Width	6" (152 mm), 9" (229 mm), 12" (305 mm)
Nominal Thickness	3/8" (10 mm)
PACKAGING INFORMATION	
Tiles per bundle	36
Weight per bundle	47 lbs. (21.32 kg)
Bundles per pallet	40
Weight per pallet	1,880 lbs. (852.75 kg)
Linear feet per bundle	27 ft. (8.23 m)
FORMULATION	
Materials	Thermoplastic Olefin
PHYSICAL PROPERTIES (Typical)	
Operating Range	-25°F to 200°F (-32°C to 93°C)
Tensile (D-412)	1,500 psi (10,342 kpa)
Water Absorption (D-570)	0% by wt.
APPLICABLE STANDARDS	
UL Listed 790 Fire Resistance	Class A and C
UL 2218 Impact	Class 4

WARRANTIES

EcoStar warrants this product to be free of defects in workmanship and materials at the time of shipment from EcoStar's factory. See www.ecostarllc.com for available warranties.