

# Majestic NIAGARA SLATE™

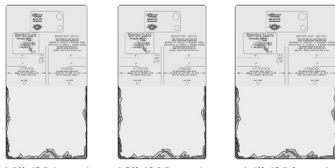
Random-Width Blend

## Polymeric Slate Tile Roof System

### DESCRIPTION

Majestic Niagara Slate™ is a rubber and plastic based Class C roof tile designed to provide the look of natural stone slate. Majestic Niagara Slate is manufactured with a state of the art formulation using recycled polyolefin polymers.

Majestic Niagara Slate Random-Width Blend tiles come in 10" (254 mm), 12" (305 mm) and 14" (356 mm) widths, are 22" (559 mm) long and 5/8" (16 mm) thick, and are available in eleven (11) standard colors.



10" (254 mm)    12" (305 mm)    14" (356 mm)

### ADVANTAGES

Majestic Niagara Slate Random-Width Blend provides the look of natural slate with these added advantages:

- High impact resistance that provides protection from hail, falling branches, foot traffic, ice and snow damage.
- Majestic Niagara Slate can be installed up to eight times faster than natural stone slate.
- The color in Majestic Niagara Slate has been added during formulation providing for color throughout the product. As with all roofing products, natural weathering will occur.
- EcoStar provides warranties for Majestic Niagara Slate 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** – Majestic Niagara Slate should only be installed on a minimum of ½" (13 mm) plywood, minimum 7/16" (11 mm) OSB or minimum ¾" (19 mm) tongue and groove wood decking. Majestic Niagara Slate should not be applied over existing roof materials. Existing roof materials must be removed down to the deck, prior to installation.

**Slope** – Majestic Niagara Slate is not recommended for slopes less than 3/12 (14°). On roofs less than 6/12 (27°), Majestic Niagara Slate must be installed with a maximum exposure of 9" (229 mm). On roofs 6/12 (27°) or greater, Majestic Niagara Slate may be installed with either a 9" (229 mm) or 10" (254 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 Niagara Slate 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](http://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 Niagara Slate Installation Guide for specifics of installation.**

### PRODUCT SPECIFICATIONS

PRODUCT CHARACTERISTICS	
Length	22" (559 mm)
Width	10" (254 mm), 12" (305 mm), 14" (356 mm)
Thickness	5/8" (16 mm) nominal
PACKAGING INFORMATION	
Tiles per bundle	18
Weight per bundle	36.6 lbs. (16.6 kg)
Linear feet per bundle	18 (5.49 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 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. EcoStar will at its option either supply new product or refund the purchase price of any product found to be defective hereunder.

**EcoStar's limited warranties are the only warranties extended by EcoStar with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. EcoStar specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.\***

The dollar value of EcoStar's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the EcoStar material in question.

\*See [www.ecostarllc.com](http://www.ecostarllc.com) for available warranties.



42 Edgewood Drive | Holland, NY 14080 | Tel: 800.211.7170 | [www.ecostarllc.com](http://www.ecostarllc.com)

04/22 © Copyright 2022 EcoStar LLC. EcoStar, Majestic Niagara Slate, Glacier Guard and Aqua Guard are trademarks of EcoStar LLC. P/N-602784 Majestic Niagara Slate Random-Width Blend PTD. This data sheet, effective 04/13/2022 supersedes all previous versions.

PRODUCT TECHNICAL DATA