



# Universal Starter Tile

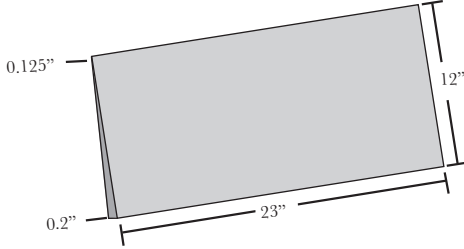
Polymeric Tile Roof System

PRODUCT TECHNICAL DATA

## DESCRIPTION

EcoStar's Universal Starter Row Tile is a synthetic tile designed to be used in conjunction with all EcoStar roofing tiles. It is manufactured with a state-of-the-art formulation using virgin and recycled polyolefin polymers.

Universal Starter is 12" (305 mm) tall, 23" (584 mm) long and 0.2" (5 mm) nominal thickness, and is available in all standard colors.



## ADVANTAGES

Universal Starter Row Tile provides a simpler and less labor intense solution to starter row application.

- High impact resistance that provides protection from hail, falling branches, foot traffic, ice and snow damage.
- The color has been added during formulation providing for color throughout the product. As with all roofing products, natural weathering will occur.
- EcoStar provides warranties 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** – 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. Should not be applied over existing roof materials. Existing roof materials must be removed down to the deck, prior to installation.

**Exposure** – Starter row is completely covered by the first row of Field Tiles.

**Fasteners** – Fasteners must be ring shank stainless steel. EcoStar Fasteners for tiles are available in hand drive style or coil in 1 ½" (38 mm) or 1 ¾" (44 mm) lengths.

**Installation Procedure** – Beginning at the eave, install EcoStars Universal Starter Row tiles gapped a minimum 3/8" (9.5mm) between tiles and any protrusions while achieving a ¼" (19mm) overhang. Fasten with three EcoStar ring shank fasteners per tile in designated "NAIL HERE" locations shown on tiles. Cut starter tiles to maintain at least 2" (51 mm) of gap offset. The final tile (at roof edges or penetrations) must be a minimum of 3" (76 mm) wide. This may involve cutting the EcoStar tile to fit. To cut the EcoStar tile to the correct width, simply score the front of the tile with a straight edge and utility knife and snap tile at that score. It may be quicker and easier to use a power saw. Any power saw with a blade designed to cut wood can be used to cut the tiles. Install the first course of tiles offset to the starter row. The first course of tiles should be installed flush with the starter row with no exposure.

**Please refer to product Installation Guide for specifics of installation.**

## PRODUCT SPECIFICATIONS

PRODUCT CHARACTERISTICS	
Length	23" (584 mm)
Height	12" (305 mm)
Nominal Thickness	0.2" (5 mm)
PACKAGING INFORMATION	
Tiles per bundle	15
Weight per bundle	30 lbs. (13.6 kg)
Bundles per pallet	72
Weight per pallet	2,160 lbs. (980 kg)
Linear feet per bundle	28.75 ft. (8.76m)
FORMULATION	
Materials	Thermoplastic Olefin

## 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](http://www.ecostarllc.com) for available warranties.

