

Solar Panel Installation

EcoStar manufactures solid core and cavity back profiles. Solar panel installation to an EcoStar roof assembly is acceptable. Depending upon the EcoStar profile being used, please consider one of the installation procedures below:

Solid Core

Roof decks using solid core EcoStar profiles such as Majestic Slate, Empire Slate, Empire Shake, and Seneca Shake may have the solar panel supports installed directly to the surface of the tiles.

Silicone-based sealant is compatible with EcoStar profiles and should be used to seal every solar panel installation penetration.

Installation Tip: When using threaded fasteners, drill a pilot hole through the profile and into the deck prior to installing the solar panel fastener. This will allow the fastener to thread into the tile making the penetration more water resistant.

Cavity Back

Roof decks using cavity back EcoStar profiles such as Empire Plus, Niagara Flat Tile, Niagara Slate, and Niagara Shake should have the solar panel supports installed directly to the deck substrate with flashing installed according to the solar panel's manufacturer specifications. Tiles must be removed or cut to fit around the solar panel supports.

Installation of solar panels will not void the EcoStar warranty. EcoStar is not responsible for leaks caused by the installation of accessories such as solar panels. Please contact EcoStar's Technical Department with any questions.