

Pest Abatement Barrier

Aluminum Self-Adhering Panels for Solar Array Perimeters

Description

The SolaTrim™ Pest Abatement Barrier is an aesthetic, all-weather, long-lasting Pest and Debris abatement system designed to limit environmental impact and pest intrusion to residential solar system arrays. SolaTrim™ specifically blocks pigeons and squirrels from getting under solar systems while allowing air to circulate underneath the solar panels, maintaining a protected area between the roof surface and the bottom of the solar panels.

Modern Adhesive Technology now allows for *permanent* bonding without the use of rivets, screws or other mechanical fasteners. SolaTrim™ applied this remarkable “peel and stick” feature to our barrier panels, making it possible to attain “life of the system” protection with a single, simple installation process.

Features

- Rust and Corrosion resistant 3003-H14 Aluminum panel
- Black polyester coating for low-visibility, matching module backing
- Backside primer coat (standard gray)
- .025” Aluminum stock – stiffened by design to prevent barrier from bending or warping
- Diamond stamping to allow for airflow and temperature regularity.
- Acrylic foam tape backing for permanent adhesion to any module frame configuration



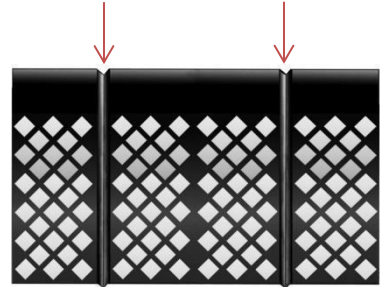
Installation Instructions

Tools Needed:

- Metal shears, tin snips to cut .025" thick aluminum
- Tape Measure
- Clean cotton cloth
- (Optional) Scribe w/ White or yellow marker
- J-Roller

Materials Needed:

- Acetone Wipes (provided in SolaTrim carton)



For Best Results: Fitting, cutting and affixing SolaTrim to the Solar Array, please follow the directions listed below.

- 1) **Solar Module frames must be free of dust, debris or any foreign particles.** Use the Acetone wipes provided to prepare the frames for **SolaTrim's** peel and stick adhesive. Each wipe should be adequate to prep 10-30 feet +/- of module frames. The acetone will dry in a few seconds. **If frames have built-up surface dirt and/or residue, wipe with a wet cloth and dry before prepping with the Acetone wipe.**
- 2) When applying **SolaTrim**, start at the 90° corners of the array and work toward the center. Wherever possible, place full length sections of **SolaTrim** around the corner edges of the modules, bending at the stiffener. **(The ridge, see the arrows on picture above)**
- 3) Scribe the **SolaTrim** pieces against the rooftop material profile so the top of the **SolaTrim** panel will be near or flush to the top of the module frame after sizing. Do not angle the panel. Must be flush with roof.
- 4) Cut the **SolaTrim** piece to fit with tin snips or electric metal shears.
- 5) Dry-fit the piece before peeling off the adhesive to check for proper sizing. (Note: **SolaTrim** pieces do not need to make contact with the roof surface)
- 6) After dry-fit, peel the layer off the adhesive strip and press the **SolaTrim** piece against the module frame. **Apply medium pressure (min. 15lbs PSI) with a J-Roller** along the length of the frame and rub the frame with cotton cloth with medium pressure to help the adhesive "wet out" on the frame surface. **SolaTrim** will stay in place immediately, will reach 80% adhesion in 20 min and 100% adhesion in 72 hours.
- 7) If SolaTrim needs to be temporarily removed, simply pull a razor knife blade down the adhesive bead between the module frame and the **SolaTrim** panel. Lightly pull on the SolaTrim panel and it should pop off. Replace with a new panel using standard installation method.
- 8) Replacement SolaTrim panels may be ordered through SolaTrim. Call your SolaTrim distributor or go to www.solatrim.com and fill out the Contact form.



Beautify your system. Protect your investment.

SolaTrim Cold Weather Storage and Installation Recommendations

Storage:

For Best Results, store this product in a climate controlled area between 45°F to 100°F (7°C to 38°C) and 0-95% relative humidity. Under these conditions, SolaTrim Adhesive should retain its properties for up to 24 months.

Note: When planning to install SolaTrim in an ambient temperature environment between 40°-50°F (4°- 10°C), SolaTrim is best used when stored at room temperature before application.

Installation:

The ideal range is 70° - 100°F / 21° - 38°C.

In these conditions, normal Installation methods apply.

IMPORTANT!

The lowest recommended temperature for SolaTrim application is 40°F / 4°C.

Attempts to install SolaTrim *below this temperature* may result in unsatisfactory adhesion.

3M VHB tape is pressure-activated and requires a minimum 15lbs PSI for the adhesive to "wet out" and achieve the strongest bond. While we believe, under normal conditions, this PSI threshold can be reached manually, ***a J-roller" should also be used to increase the pressure on the SolaTrim adhesive to insure adequate adhesive activation spread over the solar module frame, especially for colder weather.****

**This prescribed application process has been tested and deemed effective under similar conditions.*