

SolarWedge™

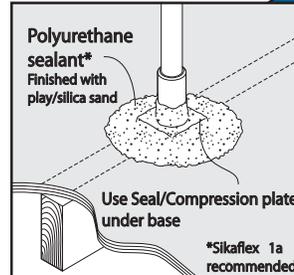


Revolutionary Commercial Mounting System!

SolarWedge™ by Professional Solar Products, Inc. is an innovative low profile commercial/residential PV mounting system. The system provides an easy to install and economical solution for 5, 10 or 15 degree structural attachment. SolarWedge™ integrates with Professional Solar's patented "top-down" commercial RoofTrac® and FoamJack® stanchion products. The system dramatically lowers installation and shipping costs while optimizing installed wattage on the roof.

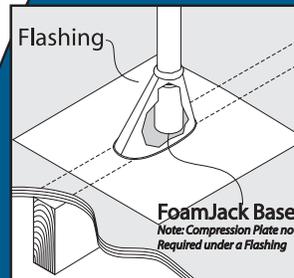
Advantages of the SolarWedge™

- **Easy handling and installation:** Each box supports up to 30' (front & rear) of RoofTrac® support rails.
- **Integrated Leveling System:** Compensates up to 2-1/2" of roof variation using an included 1/2" x 4" stainless steel stud
- **Fully Engineered:** Load tested to 30 lbs. per sq. ft (approx. 110 mph wind load) at up to 6' centers*
- **Finished Aluminum Parts:** Clear anodized extruded angled support brackets match support rail. FoamJack® stanchion parts are machine tumbled and cleaned to provide excellent bonding of foam, flash or roof sealants.
- **Roof Friendly:** System does not affect roof drainage, allows roof to breathe and dry out. Provides walking access around the modules for easy service and accessibility of the roof.



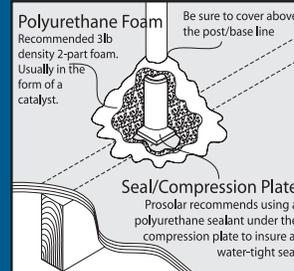
Seal

Using a high quality exterior rated polyurethane sealant under the stabilizer plate provides a very economical sealing method that takes seconds to apply. This method saves an extraordinary amount of time and installation costs!



Flash

The FoamJack® can easily accept standard roof flashings when required.



Foam

Using a 2-part hand-held or truck mounted foaming rig, you can create a "flashing" using high density roof foam!

*Before determining a seal method, check with your local building department for local requirements.



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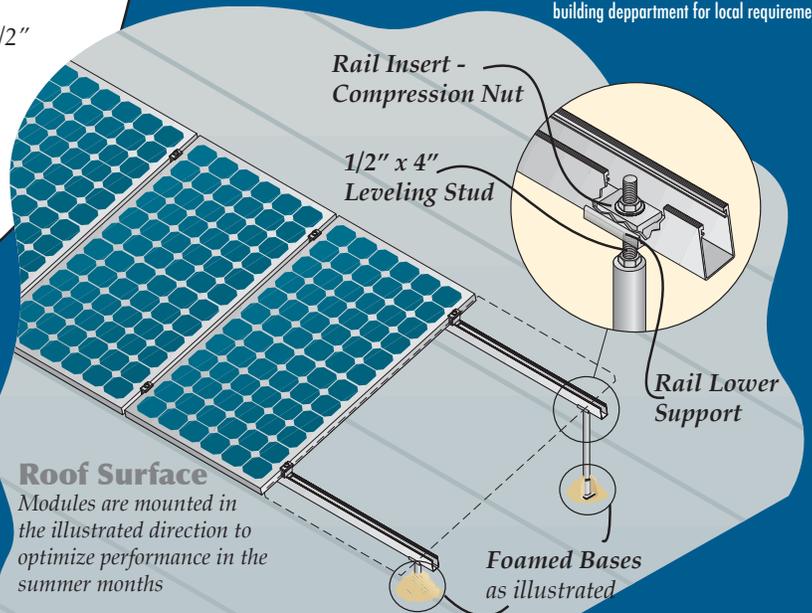
Precision extruded angles of anodized aluminum compress the support rail at a fixed angle while dramatically increasing the strength.

Leveling Feature

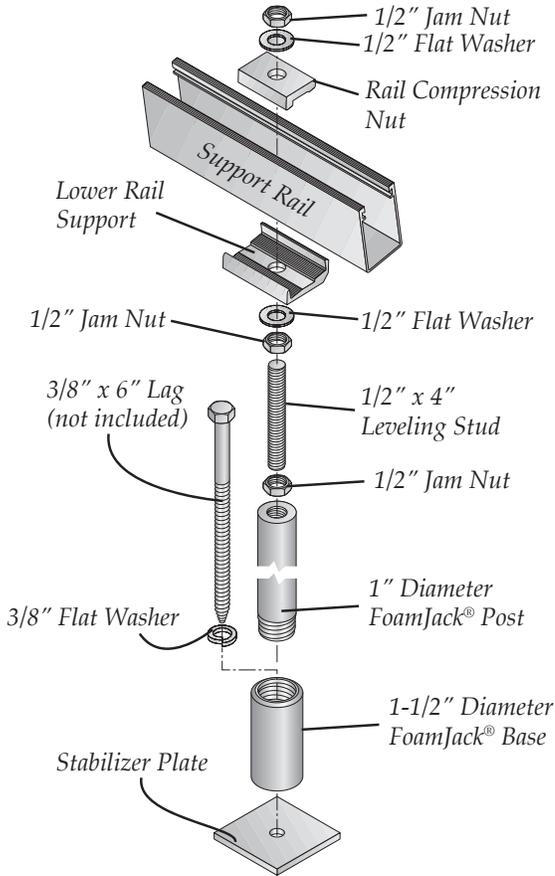
Stud rolls into the post up to 2-1/2" to eliminate the need for cutting studs on the job

FoamJack®

Each kit includes the Foam Jack® with a 3" aluminum seal plate. Size included depends on the angle purchased.

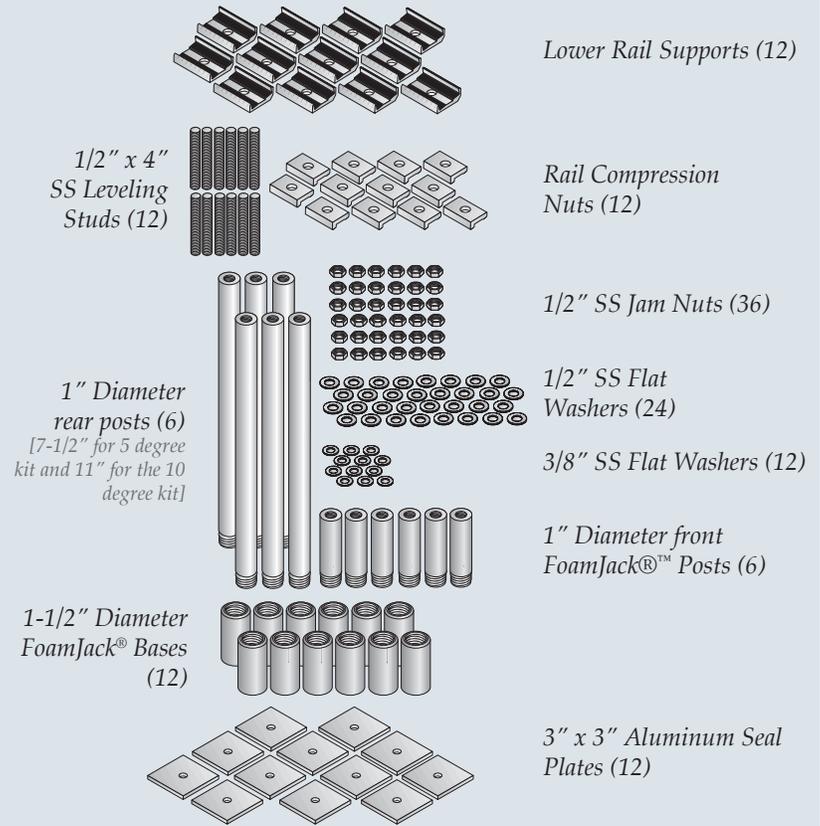


ASSEMBLY OF COMPONENTS



Included Parts List (Per Box)

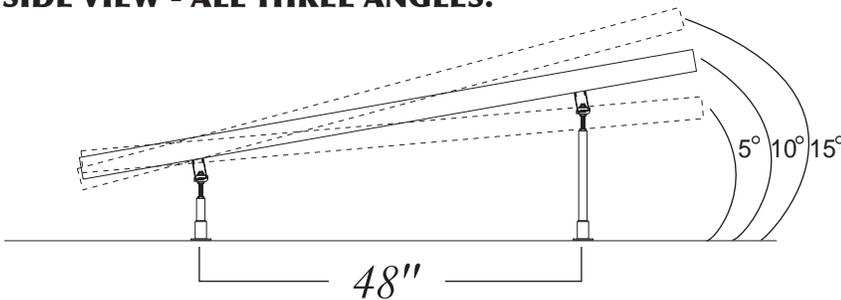
Each box accommodates approx. 30' of support rail. Includes the following parts. The 10 degree kit is illustrated below.



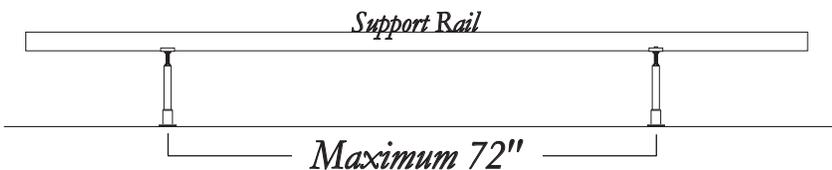
TECHNICAL INFORMATION

- Utilizes FoamJack® Laboratory tested to 2,870 lbs. vertical and 2,615 lbs. side lateral pull out using a 3/8" x 6" Lag bolt
- Structurally attached to the roof - extremely important in areas where seismic movement can be a factor

SIDE VIEW - ALL THREE ANGLES:



REAR VIEW:



Two Sizes Available!

SW5-6

5 Degree Solar Wedge Kit - Box of 6

SW10-6

10 Degree Solar Wedge Kit - Box of 6

SW15-6

15 Degree Solar Wedge Kit - Box of 6

Drill Guide (Sold Separately)

The FoamJack® Drill guide insures that pilot holes are drilled 90° to the rafter/beam optimizing appearance and strength.



(805) 486-4700

805-486-4799-fax

1551 S. Rose Ave.

Oxnard, CA 93033

www.prosolar.com

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SOLAR
products^{inc.}