

SWIF RACK™

DESCRIPTION:

SWIF Rack™ (“SWIF”), named for its base as a “Standoff with Integrated Foot”, is a modular rooftop mounting platform designed to accommodate photovoltaic arrays with minimal rooftop intervention. The height of the system allows for easy access between the photovoltaic array and roofing membrane.

SWIF is compatible with all Duro-Last® PVC Roofing Systems and Duro-TECH™ TPO Roofing Systems.

SWIF consists of a SWIF Rack (stanchions and fastening hardware). An appropriately sized Duro-Last membrane SWIF Stack Flashing must be installed around each stanchion.

ORDERING:

- Duro-Last will refer the ordering process to SWIF.

STORAGE AND HANDLING:

- Always store in a dry location protected from the elements.
- Store material in its original, unopened packaging away from sources of physical damage or chemical contamination.

PRECAUTIONS:

- Refer to SWIF documentation prior to jobsite construction.
- Wear proper personal protective equipment, such as gloves and eye protection.



SWIF RACK INSTALLATION PROCESS

1. Each project requires permitted documents, from an independent engineer, prior to installation. The SWIF representative will oversee the permit document process with the contractor.
2. The SWIF installer will notate and mark the optimal location for the stanchions to be located, based on the approved permit documents.
3. The SWIF installer will cut through the roofing assembly to access the roof deck at the appropriate locations based on the approved permit documents.
 - Using appropriate tools, access will be cut to measure 2 inches (51 mm) greater (on each side) than the length and width of the intended SWIF stanchions.
4. The SWIF installer will install the SWIF Rack system stanchions per the approved permit documents.

SWIF RACK DURO-LAST MEMBRANE WATERPROOFING INSTALLATION

1. The authorized Duro-Last contractor will reuse or replace the insulation when appropriate, alongside the SWIF Rack system stanchions.
 - a. Fill all voids with insulation and/or spray foam.
 - b. When appropriate, level spray foam after it has risen and set.
2. Membrane waterproofing must be installed by an authorized Duro-Last contractor.
3. Use membrane fastening pattern for penetrations according to the details for the chosen roofing system.
4. Install the Duro-Last membrane SWIF Stack Flashing per the PDS or appropriate detail.
 - SWIF Stack Flashings are required for all SWIF stanchion installation locations.

