



SOPRASOLAR WMS*

WIRE CHASE
WIRE CHASE COVER
WIRE CHASE BASE

Order No. PV-001
Order No. PV-002
Order No. PV-003

*WMS = Wire Management System

DESCRIPTION & USE

Soprema Soprasolar Wire Management System is a rigid PVC channel system designed to both raise the wires associated with the solar panels off of the surface of the roof and to shield the integral junction boxes and wire leads at the end of each solar panel. The Wire Chase Base ("**Base**") is adhered to the roof surface at the end of one or two panels where the leads from the Soprasolar panels are located. The Base is adhered to the roof surface with Soprema approved adhesive. The Wire Chase ("**Chase**") is friction locked into the Base after the adhesive is fully cured. After the wiring connections are completed, the Wire Chase Cover ("**Cover**") is friction locked on the the Chase.

See published Specifications, Installation Instructions and Approved Details.

PACKAGING

Item/Property	Pieces Per Carton	Piece Size
Wire Chase*	5	16 foot length
Wire Chase Cover*	20	16 foot length
Wire Chase Base*	125	4" x 5" footprint

*Cartons may be broken to satisfy order requirements.

GENERAL APPLICATION INFORMATION

- After the Soprasolar photovoltaic panels are installed, position a Base next to each panel so that it covers the integral junction box at the end of the panel.
- Using a permanent marker or a lumber crayon, outline the footprint of the Base on the surface of the roof.
- Install the sixteen foot length of Chase on to each of the Bases.
- Remove the entire wire management unit section and apply Alsan RS 230 Flash to outlined footprint of the Base. Reset the entire sixteen foot section ensuring that the Bases are positioned directly over the Alsan RS 230 Flash.
- Do not do further work on the section until the Alsan RS 230 Flash has cured to a solid state.
- Once the Alsan RS 230 Flash has cured, examine the Bases to insure they are all adhered to the roof surface.



GENERAL APPLICATION INFORMATION

- If one or more of the Bases is not adhered, typically due to irregularities in the surface of the roof, fabricate a spacer out a piece of roofing membrane, reapply Alsan RS 230 Flash on both sides and reset the Base.
- Leave a gap of one-eighth (1/8") inch between successive sections to allow for expansion. The gap should not exceed one-quarter (1/4") inch.
- Continue installing successive Chase sections as needed.
- Bases should not be installed greater than twenty-four (24") inches on center.
- After the wiring is completed for the Soprasolar panels, install the Cover over the Chase. The installer may want to stagger the joints of the Chase and the Cover.
- Do not paint or color the Soprasolar PV WMS.

APPROVED SUBSTRATES

- Smooth or granular surface modified bitumen membranes.
- Smooth Alsan RS or other PMMA liquid membranes.
- On Soprastar membranes, the Alsan RS 230 Flash is installed directly over the film surfacing.

WARRANTY

Contact your local Soprema representative for project warranty offerings.