

**MAKE YOUR  
OUTDOOR SPACE  
MORE LIVABLE.  
YEAR ROUND.**



# SUN 'N RAIN®

Corrugated PVC Panels

**Cost-effective corrugated panels for  
DIY outdoor living projects.**

Lightweight and easy to install, these PVC sheets are ideal for patio covers, partitions, sliders, under decking, and more, giving your home an economical, functional, and attractive update.

## Better Outdoor Living, Rain or Shine

Give your outdoor space the affordable upgrade it needs with SUN 'N RAIN corrugated PVC panels. Easy to install, SUN 'N RAIN panels enhance and protect your outdoor spaces year-round!



Fire Retardant



UV Resistant



Lightweight



Cost-effective



Easy  
installation



Long-term  
weather  
resistance



5-year limited  
warranty



Allows for  
curved roofing

### Typical Uses Around The Home

- Deck skirting
- Shade canopies
- Patio covers
- Car ports
- Awnings
- Walkway covers
- Fences
- Car washes
- Waterproof under decking
- Boat deck canopies

Note: SUN 'N RAIN should only be used for open-sided, well ventilated projects.



**LONG-LASTING,  
ALL-WEATHER PROTECTION.  
YEAR ROUND.**



## Available in Three Colors\* & Two Light Transmission Levels

Color	Light Transmission	
	Clear	42%
	White Opaque	5%
	Beige Opaque	5%

\*For information on physical properties, please visit [palram.com/us](http://palram.com/us).



## Standard Sizes

Available in

26" wide x 8', 10' and 12' lengths, thickness is .032"

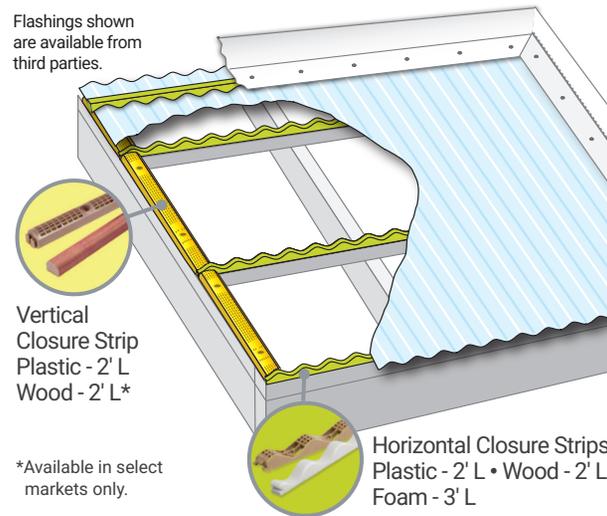
SUN 'N RAIN Beige is only available in 26" W x 8' & 12' L.

\*Note: 26" panel covers 24" with 1" corrugation overlap.



## Accessories to Complete Your Project

Flashings shown are available from third parties.



Vertical Closure Strip  
Plastic - 2' L  
Wood - 2' L\*

\*Available in select markets only.

Horizontal Closure Strips  
Plastic - 2' L • Wood - 2' L\*  
Foam - 3' L

## Special EPDM Washered Fasteners



MetalTite® 1" or 2"  
for installation with metal framing



WoodTite® 1" or 2"  
for installation with wood framing

## Cost-Effective Performance and Durability

Palram Products Compared	SUN 'N RAIN® GOOD	SUNTOP® BETTER	SUNTUF® BEST
Impact resistance	Good	Better	Best
Chemical resistance	Best	Good	Good
Snow load capacity	Good	Better	Best
Temperature range	-4°F to 120°F (-20°C to 49°C)	-40°F to 212°F (-40°C to 100°C)	-40°F to 212°F (-40°C to 100°C)
UV Protection	100%	100%	100%
Flame resistance	Good	Good	Good
Cost effectiveness	Good	Better	Best
Warranty	5 Year Limited	10 Year Limited	Lifetime Limited



## Show Us Your Completed Project!

Once you're done, show it off!  
We'd love to see what you've built. Scan to upload project images!



For more information, installation instructions and videos, scan the QR code, or visit:  
[www.palram.com/us/](http://www.palram.com/us/)



## PALRAM AMERICAS

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800-999-9459 • [ContactUs.USA@palram.com](mailto:ContactUs.USA@palram.com)  
[palram.com/us](http://palram.com/us)

SUN 'N RAIN is warranted for 5 years against weatherability and structural reliability. The above warranty shall apply only if the panels are installed, used and maintained in accordance with Palram recommendations and specifications. For complete warranty details, contact Palram at 1-800-999-9459, or visit us online at [palram.com/us](http://palram.com/us).

## Before You Begin

Make sure the color of all panels match. Be sure panel and horizontal closure support strip together... SUN 'N RAIN PVC panels are round.

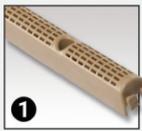
Snow, wind and weather loads should be considered when designing the slope degree of your structure (Min. 1½" in 12"). Before installation, check local building codes for relevant specifications and recommendations. Follow local codes at all times.

**Transportation, handling and storage:** Do not transport, leave or store panels in direct sun before or during installation. For outdoor storage, cover securely with a white opaque polyethylene sheet to avoid solar heat gain between the panels. Sunlight is magnified when passing through uncovered sheets, increasing the temperature of the sheets, which leads to degradation and distortion. Penetration of water between the sheets in storage will accentuate this heat gain. Therefore, it is recommended to store the panels indoors. Panels will withstand heat when properly installed and ventilated. Store the panels stacked evenly on a horizontal flat surface with longer lengths on the bottom. Do not stack other items on top of panels. If panels are not stacked directly on floor, be sure to support evenly.

LOAD SUPPORT TABLE		
Pounds per Sq. Ft.	20	30
Cross Support Bracing	24"	16"

**Flexible enough for curved structures:** SUN 'N RAIN panels may be used in curved applications, as long as the radius of the curve is not less than 13 feet.

## SUN 'N RAIN Accessories

Accessories		Dimensions		
	1 SUN 'N RAIN Plastic & Wood* Vertical Closure Strip.	Plastic	7/8" H x 1-3/16" W x 24" L	
	2 SUN 'N RAIN Horizontal Closure Strip	Foam	3/4" H x 7/8" W x 36" L	Wood* 3/4" H x 7/8" W x 24" L
	3 Special EPDM Washered Fasteners	MetalTite	1" & 2"	
		WoodTite	1" & 2"	

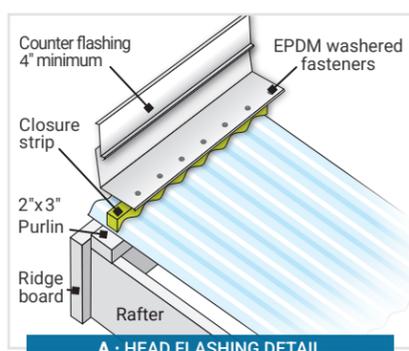
\*Available in select markets only.

**BE SURE TO CAREFULLY READ ALL INSTRUCTIONS**

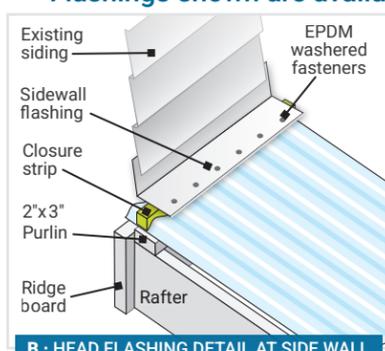
## SAFETY:

Never walk on sheets. Use a board placed across at least three rafters to spread the load.

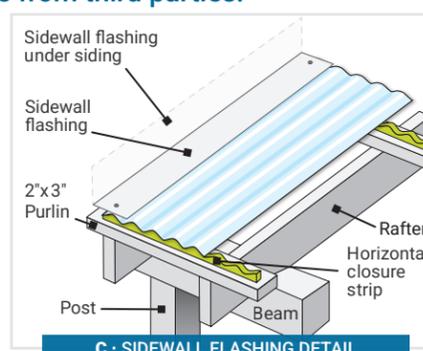
## Flashings shown are available from third parties.



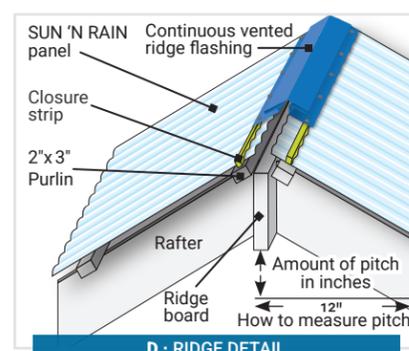
A · HEAD FLASHING DETAIL



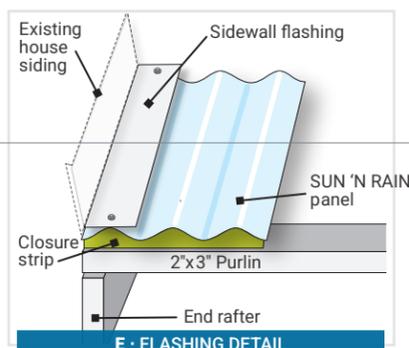
B · HEAD FLASHING DETAIL AT SIDE WALL



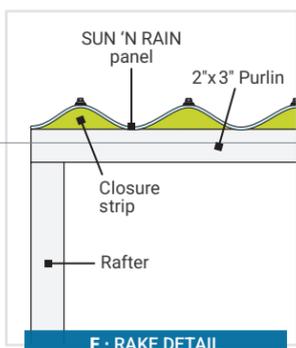
C · SIDEWALL FLASHING DETAIL



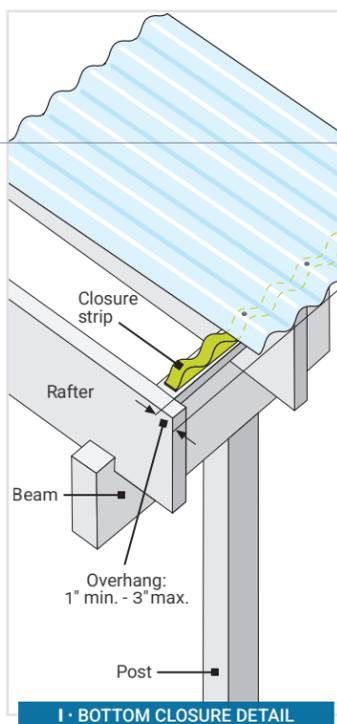
D · RIDGE DETAIL



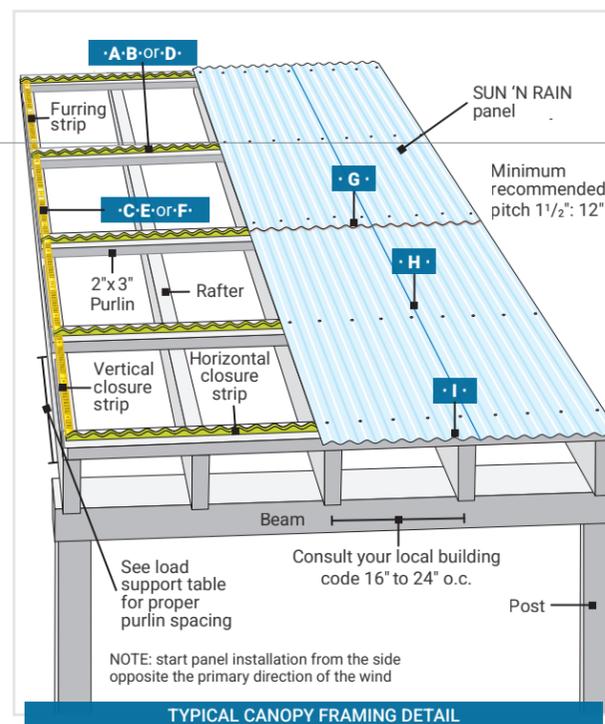
E · FLASHING DETAIL



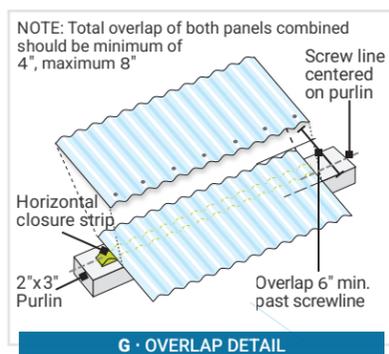
F · RAKE DETAIL



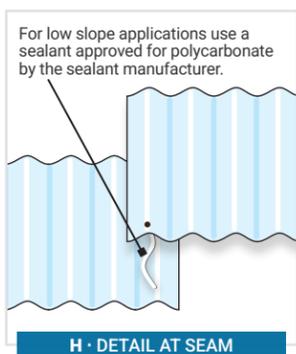
I · BOTTOM CLOSURE DETAIL



TYPICAL CANOPY FRAMING DETAIL



G · OVERLAP DETAIL



H · DETAIL AT SEAM

## INSTALLATION DETAILS FOR A TYPICAL CANOPY STRUCTURE

## INSTALLATION NOTES:

**To Cut Panels:** Use either a circular saw with a plywood blade reversed, a utility knife and a straight edge, or a pair of snips. Support the sheets to avoid vibration and cut at slow speed. Up to five panels can be cut with a circular saw.

**IMPORTANT:** If SUN 'N RAIN Panels have been stored below 40° F, allow panels to acclimate to room temperature before cutting.

**Pitch:** This is the amount of height in inches the rafter rises over a 12" run. Minimum slope is 1½" in 12" (see figure D). Never install panels on flat roofs.

**Purlins/Cross Supports:** Cross supports (purlins) must be no more than 24" apart for SUN 'N RAIN. Cross supports should be at least 2" x 2" lumber.

**Sealants:** For SUN 'N RAIN sheets, use any sealant adhesive recommended for PVC (a low modulus sealant that remains flexible when cured). (See figure H).

**Closure Strips:** Made from either plastic, wood or foam. They are used horizontally under the panels as fastener supports. Plastic closures are recommended because they provide the most structural rigidity. Plastic or wood vertical closures are recommended for finishing the outside edges.

**Flashings:** Use a flashing suitable for your application. These are available from third party vendors.

**Fasteners:** Use Palram EPDM washed fasteners only. NEVER use nails. Predrill all fastener holes with a 1/4" drill bit to accommodate for the thermal movement of the panel. Failure to accommodate thermal movement will cause buckling of the sheet. Attach fasteners on the crown of every other rib in the horizontal direction. In high wind areas, fasten on the crown of every rib. Use 2" fasteners for all roof applications. DO NOT Overtighten Fasteners causing the rubber washer to compress.

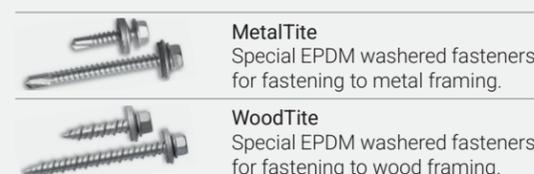
**TIP:** Tighten all fasteners until they are "snug." If the EPDM washer becomes deformed, the fastener is too tight!

**General Notes:** While opaque panels are suitable for all weather conditions, clear panels are to be installed for applications in mild weather conditions only, and are not recommended for locations with high UV radiation or temperatures that exceed 130° F. Sheet corrugations at each side must face down.

**Do not install panels over lattice or existing roofing. Panels are not recommended for enclosed structures such as greenhouses.**

**Ventilation:** SUN 'N RAIN panels are for open ventilated projects ONLY.

Watch the DIY Products Installation Video Online. A video presentation of basic handling and installation for DIY corrugated products.



Inasmuch as Palram Americas has no control over the use (and/or installation method) to which others may put this material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make their own test to determine the suitability of the material for their own particular use. In the event of a warranty claim for product failure, Palram Americas reserves the right to inspect any or all of the sheets involved and the installation site itself while the sheets are still in their original position and have not been removed or moved or altered in any way.

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