

# Shade & Shelter for Outdoor Living Corrugated Panels

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## Doing it yourself?

Deck & Patio Covers  
Skylights & Sidelites  
Storage Buildings / Sheds  
Greenhouses / Cold Frames  
Awnings / Canopies  
Carports / Garage Overhangs  
Pool Enclosures  
Pergolas

## AmeriLux can help!

At AmeriLux International, we believe that customer service is one of our core competencies. Our dedicated team of customer service professionals is available to help you:

- Select the right product
- Select the right accessories
- Answer installation questions
- Choose the proper sealant
- Acquire warranty information and technical data



Scan this code  
for more info

**PVCLite** PVC Corrugated Sheet

**PVCLite Plus** Foamed PVC Corrugated Sheet

**FiberLite** Fiberglass Corrugated Sheet

**CoverLite** Polycarbonate Corrugated Sheet

**MultiLite** Polycarbonate Multiwall Sheet



# Shade & Shelter for Outdoor Living

## Corrugated Panels

### Shade

#### PVCLite

PVC Corrugated Sheet

- UV protected on one side
- Minimum light transmission
- Highly chemically resistant
- Available in 8' & 12' lengths
- Width coverage: approx. 24"
- Available colors: White & Beige



LIMITED 5-YEAR WARRANTY  
Product Ranking: GOOD

#### PVCLite Plus

Foamed PVC Corrugated Sheet

- UV protected on one side
- Minimum light transmission
- Rigidly constructed panel
- Available in 8' lengths
- Width coverage: approx. 24"
- Available colors: Dark Red & Gray



LIMITED 10-YEAR WARRANTY  
Product Ranking: BETTER

#### FiberLite

Fiberglass Corrugated Sheet

- UV protected on one side
- Moderate light transmission
- High impact strength
- Light transmission: Clear (85%)
- Available in 8' & 12' lengths
- Width coverage: approx. 24"
- Available colors: Clear



LIMITED 15-YEAR WARRANTY  
Product Ranking: BEST

### Shade / Natural Light

#### CoverLite®

Polycarbonate Corrugated Sheet

- UV protected on one side
- 10 times stronger than acrylic
- 200 times stronger than glass
- Light transmission: Clear (90%) Diffused (74%) Smoke (28%)
- Resistant to hail & impact damage
- Available in 8' & 12' lengths
- Width coverage: approx. 24"
- Available colors: Clear, Diffused & Smoke

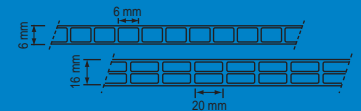


LIMITED 20-YEAR WARRANTY  
Product Ranking: PREMIUM

#### MultiLite

Polycarbonate Multiwall Sheet

- UV protected on one side
- Virtually unbreakable
- Light Transmission: 6mm Clear (82%) 6mm Diffused (79%) 16mm Clear (74%)
- Excellent insulation properties
- Available in 4' x 8' sheets
- Special order sizes and colors are also available



LIMITED 10-YEAR WARRANTY  
Product Ranking: SPECIALTY

## Install Components

Wave Plastic Closures  
Wave Foam Closures  
Vertical Plastic Closures  
Screws

Wave Plastic Closures  
Wave Foam Closures  
Vertical Plastic Closures  
Screws

Wave Plastic Closures  
Wave Foam Closures  
Vertical Plastic Closures  
Screws

Greca Plastic Closures  
Greca Foam Closures  
Vertical Plastic Closures  
End Wall & Ridge Cap  
Screws

Anti-Dust Tape  
1" Screw for use with 6mm  
2" Screw for use with 16mm  
U and H Channel

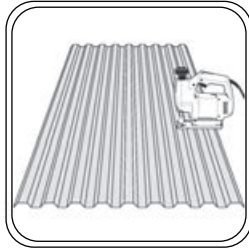


# CORRUGATED SHEET



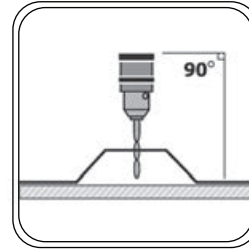
## HANDLING & STORAGE:

Stack short sheets on top of longer ones. Store sheets in a cool and dry place out of direct sunlight. To prevent solar heat buildup, avoid covering the stack of sheets with a dark tarp or other heat absorbing material.



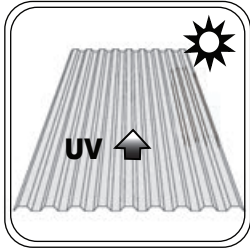
## CUTTING:

Use a circular saw at a high speed but a low advance rate to cut 3-4 sheets at a time. PVCLite, PVCLite Plus, and CoverLite: fine-tooth (10 to 12 TPI) blade. FiberLite: masonry blade. For curved cutting, use a jigsaw or metal cutting shears. During cutting, secure sheets to ensure clean cuts. Clean sheets of any debris before installation.



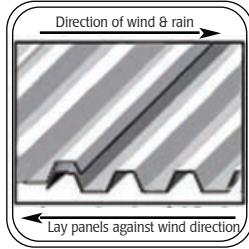
## DRILLING:

Pre-drill holes 1.5 times larger than screw diameter to allow for expansion and contraction. Start fastening sheets bottom moving towards top of sheet. Do not fasten at both ends and move towards middle. Over tightening screws may cause sheet distortion leading to cracks & fractures. Sheets should be fastened at the peak of every other corrugation on plastic horizontal closure strips for roof applications. Fasten sheet every other valley for wall applications.



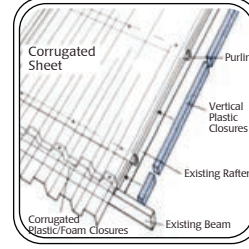
## THIS SIDE UP:

The UV-protected side of the sheet has a product label indicating the exterior side of sheets that must face towards the sun.



## INSTALLATION:

Begin installation on side away from wind/rain direction. Continue to work to left or right accordingly. Never start from both sides and work to middle. Minimum recommended roof pitch of 3/12. Only one corrugation overlap is required on sides of sheets. Do not stretch or force sheet to overlap. Cover long spans by overlapping sheets a min. of 4".



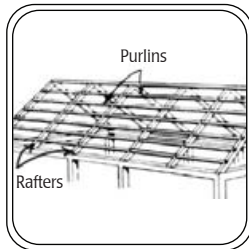
## CLOSURE STRIPS:

Plastic or foam closure strips can be used horizontally under the panels as fastener supports. Plastic vertical closures are recommended for finishing the outside edges. Foam closures can be stretched slightly to align with the panels to form a compression fit. Foam closure strips can be used under top and bottom of sheets to prevent leaks.



## CLEANING:

Normal dirt and dust accumulation is washed off by periodical rains. Regular rinsing of the sheets with clean lukewarm water is sufficient in dry areas. Mild household detergent may be used with a soft rag. Never use aggressive or abrasive cleaning agents or glass window cleaners; they can chemically attack the sheets.



## PURLINS:

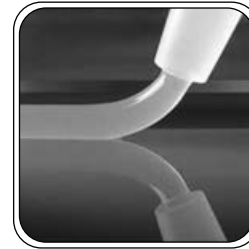
Max distance between for a 25 lb load:  
 • PVCLite - 24" • FiberLite - 24"  
 • PVCLite Plus - 24" • CoverLite - 24"  
 Min nominal size for purlins is 2"x2"  
 \* Check with your local building code for specific loads and stresses before starting your project.

## RAFTERS:

Space 24 inches apart "on center"

## FASTENERS:

- Wood - #10 Woodgrip  
 - 1/2" Neoprene bonded washer
- Metal - #12 Self-Drilling/Self-Tapping  
 - 1/2" Neoprene bonded washer
- Roof Application - 2" or 2-1/2" screw
- Wall Application - 1" or 1-1/2" screw



## SILICONE SEALANTS:

Use silicone as a sealant. Other caulking or sealants may attack sheets. Check silicone product label to insure compatibility. 100% silicone is compatible with polycarbonate.

Scan this QR Code to view a "How to Install CoverLite® Polycarbonate Corrugated Sheet" video



Visit [www.ameriluxinternational.com](http://www.ameriluxinternational.com) for a detailed installation guide.

## WARRANTY:

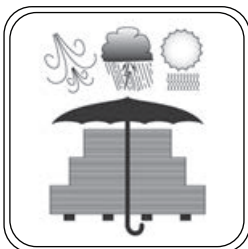
AmeriLux International, LLC warrants the original purchaser that sheets will not rot, corrode, mold or mildew when kept clean through semi-annual washing to remove accumulated dirt. A pro-rate depreciation charge will be applied to the original purchaser's price of sheets.

It is important to note that all AmeriLux International, LLC sheets are protected on one side with a special weathering Ultra-Violet (UV) radiation prevention treatment. This protected side *must* be installed on the exterior side of the installation for warranty to be in effect. For warranty claims, send original receipt, labels, and copy of warranty. Warranty applies only to sheets stored, installed, cleaned, and maintained in accordance with AmeriLux International, LLC's recommendations.

LISTED BELOW are the corrugated sheet brands and years of warranted coverage:

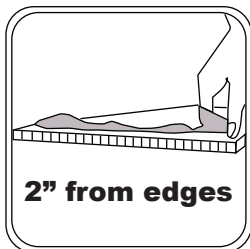
Product	Years Warranted
PVCLite	5
PVCLite Plus	10
FiberLite	15
CoverLite	20

# POLYCARBONATE MULTIWALL SHEET



## HANDLING & STORAGE:

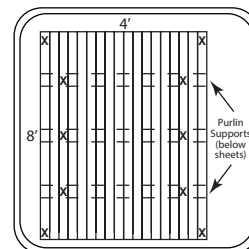
Stack short sheets on top of longer ones. Store sheets in a cool and dry place out of direct sunlight. To prevent solar heat buildup, avoid covering the stack of sheets with a dark tarp or other heat absorbing material.



2" from edges

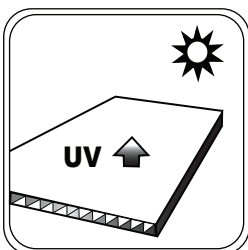
## REMOVING FILM:

Remove approximately 2 inches of film from sheet edges before installing. Remove all film immediately after sheet installation is complete.



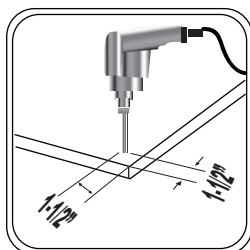
## INSTALLATION:

Use H-Channel to connect two sheets. (Wide side of profile to the inside.) Fasten supports at all four corners 1-1/2" from edges. At purlin supports, fasten 6" from edge. When cold bending, min. radius is 41" for 6mm / 110" for 16mm. Bend sheet longitudinally, never across sheet width. Flutes must run on at least a 2/12 pitch. Maximum purlin spacing is 24" 6mm / 36" 16mm. Do not walk on sheets at any time.



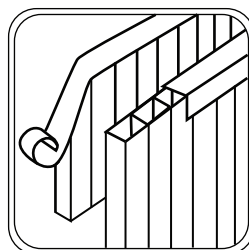
## THIS SIDE UP:

The UV-protected side of the sheet is covered with printed film and must face towards the sun.



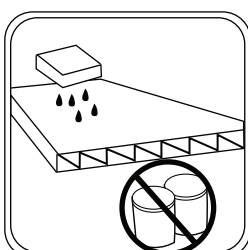
## DRILLING:

Use only new or sharply ground steel or carbide tipped drills. The diameter of drilled holes must be 1.5 times larger than the screw's diameter to allow for thermal expansion, providing enough space to allow for seasonal temperature fluctuation.



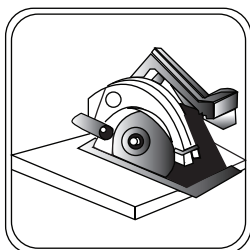
## END CLOSURE:

Structured polycarbonate sheets must always be installed with ribs positioned vertically. Seal ends with anti-dust tape and a U channel. Drill weep holes every 12" with a 1/8" drill bit to allow condensation to drain out the bottom of the U channel. (Wide side of profile to the inside.)



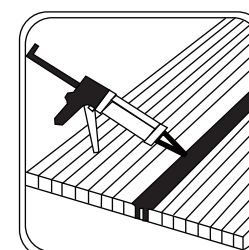
## CLEANING:

Normal dirt and dust accumulation is washed off by periodical rains. Regular rinsing of the sheets with clean lukewarm water is sufficient in dry areas. Mild household detergent may be used with a soft rag. Never use aggressive or abrasive cleaning agents or glass window cleaners; they can chemically attack the sheets.



## CUTTING:

Masking film should remain on the sheet to prevent scratching. Utility knives can be used to cut. Sheets should be clamped for hand saw cutting to prevent vibration. Sheets can be cut with a circular saw using a fine-tooth (10 to 12 TPI) blade. Remove dust from the surface with compressed air or a vacuum.



## SILICONE SEALANTS:

Use silicone as a sealant. Other caulking or sealants may attack sheets. Check silicone product label to ensure compatibility. 100% silicone is compatible with polycarbonate.

## FASTENERS:

- Wood - MultiLite 1" Screw for 6mm / 2" Screw for use with 16mm  
 - 1/4" Hex head w/neoprene washer
- Metal - #12 Self-Drilling/Self-Tapping  
 - 1/2" Neoprene bonded washer

## WARRANTY:

AmeriLux International, LLC warrants the initial purchaser that, for a period of 10 (ten) years from the date of original purchase, MultiLite Polycarbonate Multiwall Sheets will not undergo a loss in light transmission in excess of 15% (fifteen percent) in comparison with the original value when tested in accordance with ASTM D 1003 (95); will not undergo a change in excess of 15 (fifteen) delta in comparison with the original yellow index value when tested in accordance with E 313-73.

It is important to note that all AmeriLux International, LLC sheets are protected on one side with a special weathering Ultra-Violet (UV) radiation prevention treatment. This protected side *must* be installed on the exterior side of the installation for any warranty to be in effect. For warranty claims, send original receipt, labels, and copy of warranty. Warranty applies only to sheets stored, installed, cleaned and maintained in accordance with AmeriLux International, LLC's recommendations.

If MultiLite Polycarbonate Multiwall Sheets do not perform as stated during the warranty period, AmeriLux International LLC shall supply replacement sheets or, at the option of AmeriLux International LLC, refund a portion of the purchase price based on the proration listed below:

Time from Original Purchase	Material Replacement
Up to 5 Years	100%
In 6th Year	65%
In 7th Year	45%
In 8th Year	25%
In 9th Year	15%
In 10th Year	10%
After 10th Year	0%

Special order products not stocked in the Menards® stores are available upon request. Please take the time to review our full line of products by visiting [www.menards.com](http://www.menards.com) and enter AmeriLux into the search box.



Need help or have questions? Contact Us:

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 Email: [menards.team@amerilux.com](mailto:menards.team@amerilux.com)