

HINTS FOR SOLEXX™ ROLL & PANEL APPLICATION 9-21-2018

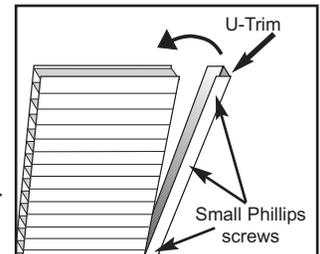
Solexx™ is very strong yet flexible, making it easy to work with and cost effective to ship. Due to its translucent characteristics it diffuses light exceptionally well. Creating an environment with no shaded areas or hot spots and with an “R” value of 2.1 for 3.5mm paneling (2.3 for the 5mm paneling), it makes an ideal covering for greenhouses, end walls, light panels, car ports, etc.....the possibilities are endless. The material may have slight imperfections, or blemishes, but they are only cosmetic and will not affect the quality or performance of the product.

The following are a few tips on how to handle this revolutionary material:

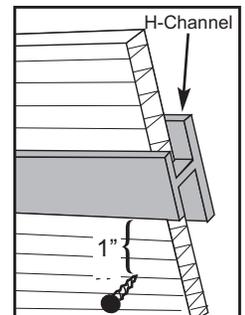
1. If the panel is too curved for easy installation, try straightening it by laying it out flat in a warm environment. If the roll/panel has been in storage for a period of time, it may have developed a slight “yellow” tint from the UV inhibitor. Exposure to direct sunlight should quickly clear this up.
2. Apply the paneling when the temperature is at the mean (yearly average) temperature for your area to allow for expansion & contraction.
3. We recommend that the framing (trusses) that will support Solexx be placed 16” - 24” on center.
4. Solexx paneling can be applied with the flutes running in either direction on your structure. We recommend using our 1” screws with neoprene washers to attach Solexx to your frame. Place the screws about 18” apart on the stringers, and about 4-6” apart on the perimeter or any overlapped joint. Be careful not to over-torque the screws, or you may crush the paneling. The washers should just make a dimple in the panel.

5. **Cutting:** The panel is easily cut using a sharp thin utility knife or saw. It is helpful to attach the panel to your structure first, then use a sharp thin utility knife to follow the frame as a cutting guide. It works well to cut the panel with two passes of the knife. The 1st pass is with light pressure to score the panel and set the path the knife will follow for the 2nd pass. The 2nd pass would be done with more pressure to cut through the panel, while making sure the knife is following the score line of the 1st pass.

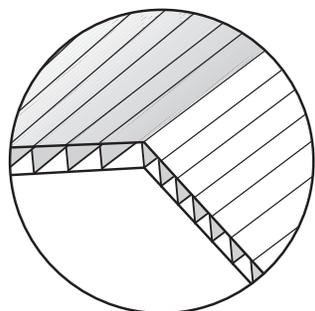
6. **U-TRIM:** On all 4’1” ends of paneling where there are exposed flutes, insert a ¼” bead of *IS800 “clear” Silicone Rubber Adhesive Sealant (caulking)* into the flutes. This prevents water intrusion and maximizes the insulation factor by trapping air in the panel. Next, slip the U-trim over the end of the panel for a permanent cap. Secure U-trim with small phillips screws by poking a small starter hole in one side of the U-trim with an ice pick or small nail and screwing through one side of the U-trim and into the Solexx paneling. Place each screw approx. one foot apart. Put caulking in all the holes you created to stop water penetration.



7. **H-Channel:** Panels can be joined together using H-Channel to help to prevent water leakage. Attach one panel to your frame. Attach a second panel about ¼” above the first panel. This leaves enough space for you to slide the H-channel between the panels. Attach screws approx. 1” from each side of the H-Channel. **Do not screw into the H-channel. **Do not use H-channel on a roof, unless it is one continuous H-channel running from side-to-side. No H-channel clips on a roof.** If H-channel is difficult to slide on, try spraying the grooves of the H-channel and the edges of the panels with a little WD-40 and tap on the end of the H-channel with a rubber mallet.



8. Do not use the panels to square your structure. Solexx may not be perfectly square.



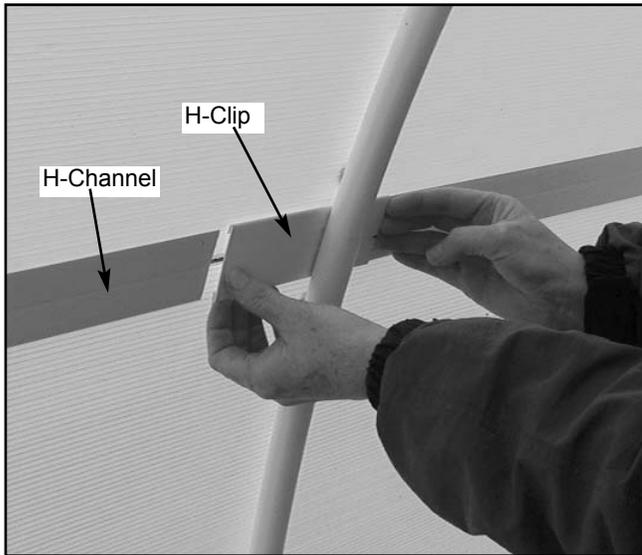
9. It's not necessary to cut Solexx when installing over roof peaks or around corners. You can score the panel using a straight edge and a blunt object such as a phillips screw driver or the handle of a butter knife (be careful not to cut the panel) and then fold the panel along the scored line. Solexx paneling can be scored in either direction: either with the flutes or across the flutes.

10. Wipe down Solexx with soap and water once a year to maximize light transmission.

Return the Warranty Card as soon as possible to make sure we have an accurate record of your purchase.

Any questions or concerns, please call Adapt8, Inc. at 1-877-476-5399

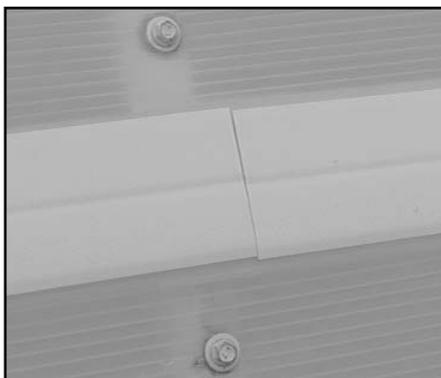
Installation instructions for H-Channel Clips



1. Slide the H-Channel between the panels leaving a couple inches between each piece of H-Channel. On the inside of the greenhouse, slide the H-Clip onto each end of the H-Channel pieces.



2. From the outside of the greenhouse, insert about a nickel-size gob of silicone caulking into the area between the H-Channel pieces.



3. Slide the H-Channel pieces in so they butt together. Then put a little caulking in the joint of the two H-channels where they touch each other. In the butt joint.