

## Sunset Pergola Kits Instructions

- 1) Organize all Pergola Components and Ensure you have all pieces.
- 2) Layout for Posts D X W (Posts are Inset 17" on ALL SIDES)
  - Dig holes for posts set in Concrete, or Install concrete anchors for posts set on concrete.
- 3) Cut 6" X 6" or 8" X 8" Posts for 2" X 12" Sandwich Beam (Bottom Layer) to a Proper Height. (Allow 3-4 inches of "Fall" away from house for Water Run Off, if installing a Watertight Pergola.)
- 4) Install (1) 2 X 12 Sandwich Beam (Bottom Layer.)
  - Lay (2) 6" X 6" Posts Flat on Concrete or Deck parallel with each other.
  - Secure (1) 2 X 12" across each post at the top ensuring all is square.
  - Install (3) Self-Starting 5" Lag Screws with a Drill and "Star" Bit (PROVIDED.)  
(No need to Pre-Drill. All 5" Lags Screws are Self-Starting.)
- 5) With 2 People, Stand Posts into holes or up onto concrete anchors. \*Concrete to be added later. Level posts and add bracing if needed.
- 6) Attach the Sunset Pergola Universal Bracket Ledger (P360) onto Roof, Wall, Fascia, or Under Soffit using 5" Self-Starting Lag Screws. \*Use a stud finder to find wall studs and framing, fascia rafter tails and roof rafters.
- 7) Cross-Measure from Corner of the Sunset Pergola Universal Bracket Ledger(P360) to the Opposite Corner of Sandwich Beam Tips. Making sure the (2) measurements are the same will ensure all pre-measured center marks will be square with house.
- 8) Once centered, continue placing 5" Self-Starting Lag Screws through the Sunset Pergola Universal Bracket Ledger making sure to hit studs and/ or rafters every 18". Also, place 5" Self-Starting Lag Screws through the un-used holes in the Universal Brackets.
- 9) Install Angle Bracing using 5" Self-Starting Lag Screws. (2) through the 2" X 12" and (1) into 6" X 6" post at an angle.
- 10) Secure second 2" X 12" (Bottom Layer) with 5" Self-Starting Lag Screws. (3) in each 6" X 6" and (2) in all Angle Bracing.
- 11) Hang all Pre-Notched 2" X 8" (Middle Layer.) \*Find and hang #1 and the Last 2" X 8". The First and Last and Middle 2" X 8" have pre-marked "X"s on top for spacing the 2" X 6" Top Layer. All 2" X 8" secure with a Black ½" Bolt and Nut on Sunset Pergola Universal Bracket and get "toe-nailed" with 3" screws (PROVIDED) as they cover the "X" on top of each 2" X 12" Sandwich Beam.
- 12) Install the 2" X 6" (Top Layer.) To ensure proper spacing, place each 2" X 6" over the "X" seen on the tops of the First and Last 2" X 8". Secure each 2" X 6" with (2) 3" Screws. \*Marks on each 2" X 6" ensure the exact same overhang past the outside 2" X 8".
- 13) Install 4' Polycarbonate Sheets making Pergola Watertight. Sheets should go up perfectly square. Sheets are secured with ¾" screws with washers (PROVIDED) in EVERY OTHER VALLEY

ON EVERY ODD 2" X 6" ...i.e. First, Third, Fifth...etc. \* Tighten washer flat, but DO NOT BREAK RUBBER WASHER.) If washer is broken, simply use another screw.

- 14) Install 16" Flashing Under Existing Shingles or Siding Where Needed (PROVIDED.) Flashing to be tucked under one complete shingle and to be SCREWED DOWN TO POLYCARBONATE SHEETS ONLY WITH 3/4" SCREWS ON EVERY OTHER RIB. Do Not Screw Into Shingles! \*Caulk (PROVIDED) should be used to cover each screw-head and to be placed between Sheets of Flashing if using more than one sheet...i.e. pergolas over 16' long, or for pergolas tucked in a corner requiring flashing on 2 or 3 sides.

ENJOY YOUR SUNSET WATERTIGHT PERGOLA!