

# HP

Heritage Patios

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## Installation Guide

FOR ALL SIZE AND POST CONFIGERATIONS



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PLEASE READ & REVIEW COMPLETE INSTALLATION GUIDE STEP-BY-STEP



# WELCOME

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The Heritage Patios outdoor living solid patio cover installation guide recommends 1-to-2 physically fit individual(s) with some experience in Do-it-Yourself (DIY) home projects and should complete installation within 1 weekend with proper planning and support.

Please review this installation guide thoroughly and understand each step's task before the start of the installation process. All recommended tools are required for a successful installation and some components will require alterations to fit your structure's unique installation.

**Inspect your project area for safety issues noting all electrical power lines and electrical outlets.**

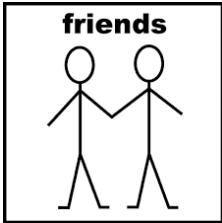











**DO NOT begin this project until project area is safe.**

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# TOOLS












Recommended & required tools are not included but necessary for a successful installation of this solid cover patio kit as each structure & location is unique.

Each “Step” page will note required tools to complete each installation step

<p>1-2 friends</p> 	<p>Level &amp; Square</p> 	<p>Sealant gun</p> 	<p>Hole saw (1-1/2" or 2")</p> 
<p>Hammer</p> 	<p>2x 6' step ladders</p> 	<p>Tin Snips</p> 	<p>Hack Saw</p> 
<p>Tape measure</p> 	<p>3/8" Drill motor w/ extension cord</p> 	<p>Crescent wrench</p> 	<p>1/4", 5/16", 3/8" socket drive set</p> 

# ORGANIZE

Organize and familiarize yourself with inventory of all hardware materials and “Step” before you begin the installation process. Each “Step” page begins with Components List & Tools Required to complete the step task.








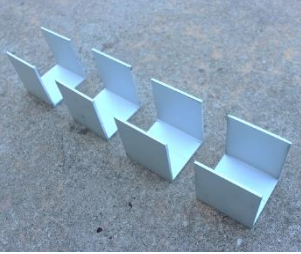
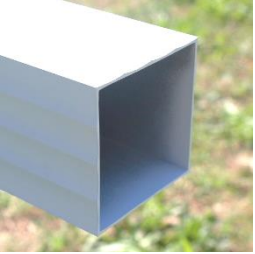




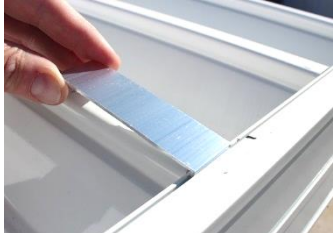

 <p>3/8" x 2-3/4" Anchor</p>	 <p>#10 x 3/8"</p>	
 <p>3/8" x 3 1/2" Bolt &amp; Nut</p>	 <p>Tek #8</p>	
 <p>Urethane Sealant tubes</p>	 <p>1/4" &amp; 3/8" masonry</p>  <p>1/4" &amp; 3/8" drill bit</p>	 <p>Tek 1/4"x3/4"</p>
 <p>#12 x 2 1/2" Screw</p>	 <p>1/4" x 3/4" Bolt &amp; Nut</p>	 <p>1/4" x 3/4" Washer</p>

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# MATERIAL PROFILES

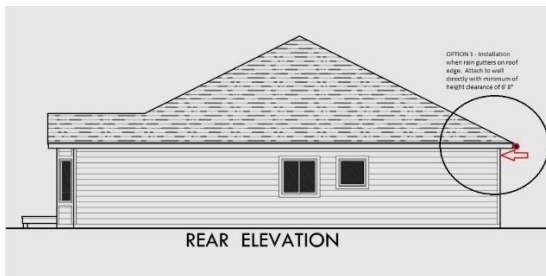
 <p><b>HARDWARE BUNDLE</b></p>	 <p><b>HANGING RAIL (A)</b></p>	 <p><b>HANGING CHANNEL SPLICE(B)*</b></p>
 <p><b>HANGING CHANNEL (C)</b></p>	 <p><b>FRONT FASCIA PROFILE (D)</b></p>	 <p><b>FRONT FASCIA SPLICE (E)*</b></p>
 <p><b>FASCIA DRAIN (F)</b></p>	 <p><b>POST TOP BRACKETS (G)</b></p>	 <p><b>SQUARE POST PROFILE (H)</b></p>
 <p><b>POST BOTTOM BRACKETS (I)</b></p>	 <p><b>ROOF PANEL PROFILE (J)</b></p>	 <p><b>SIDE FASCIA PANEL (K)</b></p>
 <p><b>CORNER ANGLES (L)</b></p>	 <p><b>FASCIA PANEL CLIPS (M)</b></p>	 <p><b>PREFORMED FLASHING (N)</b></p>



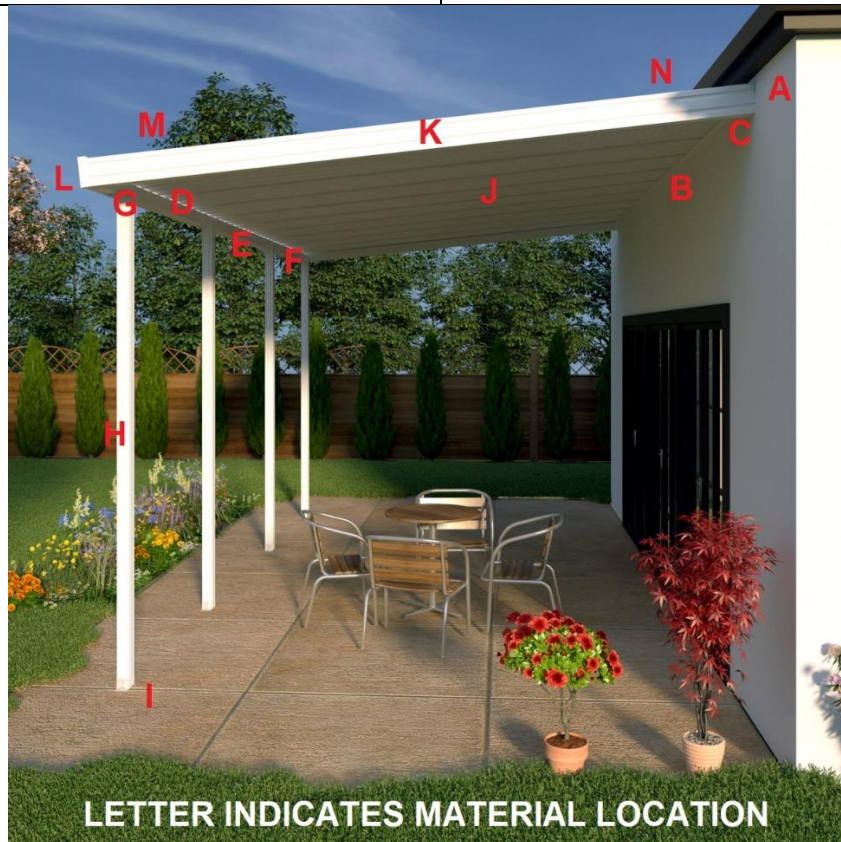
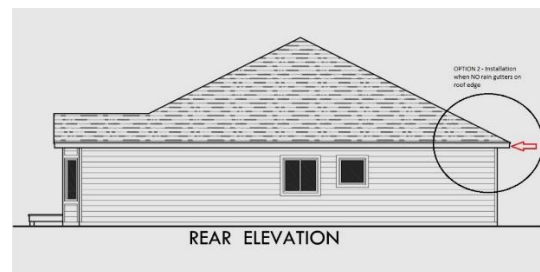
# PLAN WALL ATTACHMENT

Plan the location for patio cover to be clear of all swinging doors and windows and finish with a **minimum height of 6'8"** to underside of front fascia.

**OPTION 1:** Select this installation option when rain gutters are installed to roof edge



**OPTION 2:** Select this installation option if NO rain gutters attached to roof edge



**LETTER INDICATES MATERIAL LOCATION**

**NOTE:** After determining OPTION 1 or OPTION 2 installation and before attaching HANGING RAIL/CHANNEL to structure, you must determine and mark rafter/stud spacing so that attachment screws will drive into each stud providing necessary support for the patio cover.

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# MATERIALS


Organize & check-in all materials received in your shipment within a safe distance from work area before you begin the installation process.

Review “STEP #” column in each row by component and “NOTES” associated each task during this assembly

Part Description	Dimensions	Step #	Notes
<b>COMPONENTS</b>			
Urethane caulking	tubes	step 1-13	multiple steps
Hanging rail (A)	6" x width	step 1-3	
Hanging channel splice insert (B)*	3" x width		*16ft+ width only
Hanging channel (C)	2" x 3/4"	step 1-3	
Front fascia (D)	4 3/4" x 3/4"	step 1-7	
Front fascia splice insert in fascia (E)*	4 3/4" x 30"		*16ft+ width only
Front fascia drain (F)	4 3/4" x 3/4"	step 2	
Front fascia dam (in front fascia)	foam	step 2	delivered in fascia
Top Post Brackets (G)	2 3/4" x 2 3/4"	step 4	
Extruded Square Post (H)	3" x 3"	step 4-6	
Bottom Post Brackets (I)	6" x 2 1/2"	step 10	
13" wide "W" roof panel (J)	13" x depth	step 5-13	
Side fascia panels (K)	4 3/4" x 3/4"	step 11-12	
Corner angles (L)	6 1/2"	step 12	Need to trim
Fascia pan clips (M)	n/a	step 13	
Preformed flashing (N)	10" x 25"	step 3-11	
<b>HARDWARE BUNDLE BOX – PACKED WITH POST</b>			
Installation Guide			
Bolt & Nut (set)	1/4" x 3/4"	step 4-6	
Bolt & Nut (set)	3/8" x 3 1/2"	step 4-6	
Washer	1/4" x 3/4"	step 4-6	
Nut	3/8"	step 4-6	
Kwik Bolt	3/8" x 2 3/4"	step 4-6	
SMS Screw	#10 x 3/8"	multiple	
Lag Screw	#12 x 2 1/2"	multiple	
Tek Screw (self drilling)	#8 x 5/8"	multiple	
Tek Screw (self drilling)	1/4" x 3/4"	multiple	

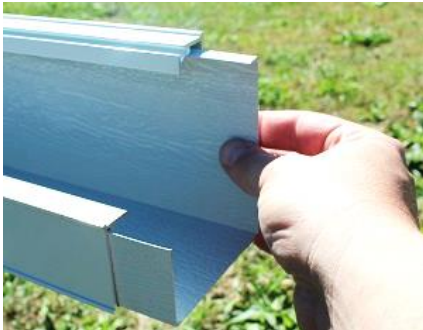


## SKIP THIS STEP FOR WIDTH BELOW 16 ft

Components List	Tools Required
<ul style="list-style-type: none"> <li>✓ Front fascia rails (D)</li> <li>✓ Front fascia splice (E)*</li> <li>✓ Tek screws</li> <li>✓ Sealant tub &amp; gun</li> </ul>	

**This step only applies to patio covers with a total front width that is greater than 16 feet wide due to shipping limitations. Installer needs to splice two front fascia pieces together by inserting a “front fascia splice” insert.**

**STEP 1:** Locate & pull splice to mark splice insert piece with a center mark at 13” from each end with carpenter pencil.



**STEP 2:** Slide end of first front fascia piece aligning STEP 1 center mark even between two rails.




**STEP 3:** Connect 2<sup>nd</sup> piece into other end of splice insert piece end to match STEP 1 center mark from other side. Secure with white Tek screws from bottom exterior.



**STEP 4:** Secure splice using 3/8” socket drive and twelve 1/4” x 3/4” Tek screws at 1”, 11”, 13”, and 23” from ends of splice. Caulk all connections and ends generously.







# STEP 1: PREPARE FRONT FASCIA

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Front fascia rails (D)</li> <li>✓ Front fascia splice insert (B)*</li> <li>✓ Fascia dams (foam)</li> <li>✓ Sealant tube &amp; gun</li> </ul>	

	<p><b>FIRST:</b> Lay the hanging channel and front fascia parallel and evenly on a flat level non-abrasive surface or slab. Make sure both front fascia and hanging channel rails remain even and flush together by taping every 15" across span.</p> <p><b>DO NOT USE PERMANENT MARKER</b></p>
	<p><b>SECOND:</b> Mark top of front fascia &amp; hanging channel every 12" from end to end with a small pen/marker/pencil.</p> <p><b>NOTE:</b> Last space will be 12 ¾" opening to allow for flange width on last panel.</p> <p><b>DO NOT cut the hanging channel.</b></p>
	<p><b>THIRD:</b> 12" marks will be needed during future STEPS for locking-in roof panels in the correct location to ensure water-tight connection.</p> <p><b>DO NOT cut the hanging channel.</b></p>

## STEP 2: PREPARE FRONT FASCIA




Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Front fascia rails (D)</li> <li>✓ Front fascia splice insert (B)*</li> <li>✓ Fascia drains (F)</li> <li>✓ Fascia dams (foam)</li> <li>✓ Sealant tube &amp; gun</li> <li>✓ Top post connector (G)</li> </ul>	

	<p><b>FIRST:</b> Determine post spacing across entire bottom of front fascia by marking 1' 3" from both ends of front fascia as top post connector as guide.</p> <p>Measure distance between the two end post locations. Evenly space remaining post within opening to provide proper support.</p>
	<p><b>SECOND:</b> Drill 1/4" holes on marks in bottom side of fascia. Attach with bolts &amp; washers and caulk inside fascia around protruding bolt heads.</p> <p>Make sure top post bracket(s) locations are determined before drilling fascia drain hole and installing drains.</p>
	<p><b>THIRD:</b> Determine fascia drain location near end of fascia. Cut 1-1/2" or 2" diameter hole with hole saw on bottom end of each fascia. Insert drain and fasten with two #8 x 5/8" Tek screws per drain.</p> <p>Compress &amp; Insert fascia dams on each end of fascia and seal around them generously.</p>

## STEP 3: HANGING CHANNEL





Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Hanging rail (A)</li> <li>✓ Hanging channel (C)</li> <li>✓ #12 x 2-1/2"</li> </ul>	

*Determine and Measure center point for installation on desired structure wall*


	<p><b>FIRST:</b> Place hanging rail in desired position on structure wall or roof fascia board and mark first hole to be drilled in hanging rail relative to rafters or wall studs.</p> <p><i>Widths greater than 16 ft will require two hanging rails connected at center point.</i></p>
	<p><b>SECOND:</b> Place a mark 1" down from top hanging rail and drill 1/4" into each rafter or studs across length of hanging rail.</p> <p><b>Keep level across hanging rail span.</b></p> <p><i>Hanging rail will connect directly to structure wall (lumber shown not required unless masonry surface)</i></p>
	<p><b>THIRD:</b> Slide hanging channel into bottom of hanging rail then fasten hanging rail with #12 x 2-1/2" screws to fascia board or wall across entire rail.</p> <p>Place a generous bead of seal across entire span between rail/wall space.</p> <p><i>Hanging rail &amp; Hanging channel with foam insert will not be labeled as shown in image.</i></p>






# STEP 4: ATTACH FRONT FASCIA

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Front fascia (D)</li> <li>✓ Sealant tube &amp; gun</li> <li>✓ Post Top Brackets (G)</li> </ul>	
	<p><b>FIRST:</b> Determine post spacing across entire bottom of front fascia by marking 15" from both ends of front fascia with post top bracket connector (G) as guide. Mark equal spacing for remaining post by dividing entire space by number of openings between the post (4 post = 3 openings). Drill 1/4" holes on marks in bottom side of fascia. Attach with bolts &amp; washers and caulk inside fascia around protruding bolt heads.</p>
	<p><b>SECOND:</b> Top post bracket must be installed with drilling "wall" facing left to right or at the "9 o'clock and 3 o'clock" position on bottom of front fascia at each measured post location.</p> <p><b>DO NOT INSTALL AS SHOWN IN IMAGE as bracket walls are at 12 &amp; 6 o'clock</b></p>
	<p><b>THIRD:</b> Slide bottom post bracket up into post, drill 3/8" diameter holes through both post and bottom bracket. Use two 3/8" x 3-1/2" bolt and but to fasten. Determine length of post by measuring the distance from patio floor to the bottom of hanging channel, then deduct 4" for the back leg of fascia and also deduct min. 1/2" per foot slope of panel length.</p>

## STEP 5: PREPARE POST

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Front fascia (D)</li> <li>✓ Bottom post bracket</li> <li>✓ Square post (H)</li> </ul>	

***A minimum of 1/2" per foot slope recommended for proper water drainage***

	<p><b>FIRST:</b> Now fasten the square post to the top post connector previously installed to fascia.</p> <p>Drill two 3/8" diameter holes through both post and post connector. Use two 3/8" x 3-1/2" bolt &amp; nuts to fasten.</p>
	<p><b>SECOND:</b> Front fascia profile shown must be "level" across width of patio cover. Roof Panel must not touch front fascia wall to allow for water to flow into front fascia drains. Insert foam fascia dams at end &amp; seal generously.</p> <p>Secure roof panel to front fascia rail with screws from above center of panel "valley".</p>
	<p><b>THIRD:</b> Raise the assembly into position and temporarily stabilize the front fascia &amp; post in upright position by tying each end post to each ladder with a rope or cord. <b>DO NOT attach post to patio surface</b> until proceeding to next STEPS and ensuring first roof panel insert is "squared" to front fascia and post assembly.</p>

**NOTE:** Uneven patio surface will require varying lengths of each post across uneven surface.


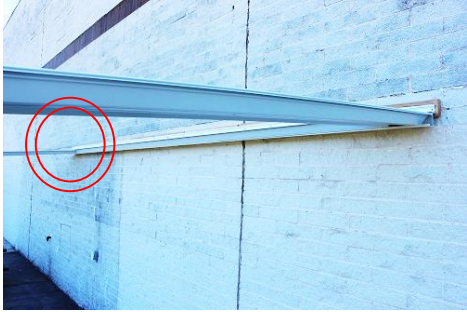


# STEP 6: FIRST ROOF PANELS

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ 13" wide "W" roof panels (J)</li> <li>✓ Sealant tube &amp; gun</li> <li>✓ #10 x 3/8" sheet metal screw</li> </ul>	 <p><b>FIRST:</b> Begin this step on far <b>RIGHT</b> side of hanging channel when facing the structure.</p> <p>Begin with "<b>female</b>" lock edge (see Step #8) of panel flush to hanging channel and front fascia. Top of panel slides below ledge of hanging channel to sit on groove for screw location.</p>
	<p><b>SECOND:</b> Insert and press first panel firmly into foam rubber gasket within the hanging channel interior. Secure first roof panel with #10 x 3/8" sheet metal screw through pre-punched hole into groove location. Move square post connected fascia assembly "side to side" so that first roof panel is square to fascia board or wall.</p>
	<p><b>THIRD:</b> Each individual roof panel is 12" wide and need to align with 12" marked on hanging channel and front fascia in STEP #2. Each panel is designed with unique side edge as "male" and a "female" to interlock with next roof panel.</p> <p>Edge should be flush with hanging channel.</p>

**NOTE:** Single pre-drilled hole on 13" wide "W" roof panel end should be installed toward hanging channel to help properly secure panel by aligning hole with below screw channel. Opposite end of panel attaches to front fascia allowing installer to secure at necessary location to keep installation square and level based on post variations.



## STEP 7: LAST ROOF PANELS

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ 13" wide "W" roof panels (J)</li> <li>✓ #10 x 3/8" sheet metal screw</li> </ul>	
	<p><b>FIRST:</b> Begin this step on far <b>LEFT</b> side of hanging channel when facing the structure leaving large space from first roof panel. Last roof panel needs "<b>male</b>" lock edge (see Step #8) flush to outside edge of hanging channel and front fascia. Top of panel slide below top ledge of hanging channel to sit on groove for screw location.</p>
	<p><b>SECOND:</b> Insert and press last panel firmly into foam rubber gasket within the hanging channel interior.</p> <p>Secure last roof panel with #10 x 3/8" sheet metal screw through pre-punched hole into groove location.</p>
	<p><b>THIRD:</b> Secure the last roof panel above the square post side end with #10 x 3/8" sheet metal screw attaching to front fascia.</p> <p>Move square post connected fascia assembly "<b>side to side</b>" so that last roof panel is square to fascia board or wall.</p>

**NOTE:** When attaching to wall (no access from top) attach screws from underside into bottom flange of hanging channel (not into screw groove) using #10 x 3/8" sheet metal screws.



# STEP 8: SNAPPING PANELS

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ 13" wide "W" roof panel (J)</li> <li>✓ #10 x 3/8" sheet metal screw</li> <li>✓ Sealant tube &amp; gun</li> </ul>	
	<p><b>FIRST:</b> YOU MUST ALWAYS ADJUST THE INTERLOCKING JOINT BETWEEN THE TWO PANELS TO ALIGN WITH THE 12" MARKS ON THE HANGING CHANNEL AND THE FRONT FASCIA.</p>
	<p><b>SECOND:</b> Remove the sheet metal screw from the installed first roof panel from the "male" side of panel at the front fascia.</p>
	<p><b>THIRD:</b> Next to installed panel, lay the new roof panel and slightly lift new roof panel to overlap "female" lock on top of "male" lock. Apply downward pressure for tight fit on entire panel.</p>

**NOTE:** Each roof panel requires installer to begin by overlaying FEMALE edge over MALE edge close to the hanging channel. Next, slide the connected edge below the top rail of the hanging channel and firmly press into foam gasket. Seal generously at all seams.

## STEP 9: ALL ROOF PANELS

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ 13" wide "W" roof panel (J)</li> <li>✓ #10 x 3/8" sheet metal screw</li> <li>✓ Preformed flashing (N)</li> <li>✓ Sealant tube &amp; gun</li> </ul>	 <p><b>FIRST:</b> Slide new roof panel back into hanging channel and firmly into foam rubber gasket. Seal panel ends to foam rubber gasket. Align new roof panel on 12" mark before securing with #10 x 3/8" sheet metal screw in panel "valley" at front fascia.</p>
	<p><b>SECOND:</b> Continue installing each 13" wide "W" roof panel securely and seal generously at seams.</p> <p>Repeat with remaining roof panels until 50% across roof panels are installed.</p> <p><b>Secure Post bottom brackets in next step then complete remaining roof panels.</b></p>
	<p><b>THIRD:</b> Install preformed flashing into grove on hanging rail. Position over first and second panels. Bend tabs down so they fit snug on surface of roof panel.</p> <p>Screw flashing to peaks of roof panels using #10 x 3/8" sheet metal screws. Seal the top of screw heads.</p>

**NOTE:** Each panel must align on 12" mark from early steps before securing and moving to next panel installation. Overall patio cover width may require to secure and seal roof panels at varying steps due to access.




# STEP 10: SECURE POSTS

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Square Posts (H)</li> <li>✓ Bottom Post Brackets (I)</li> <li>✓ 3/8" x 2-3/4" anchors</li> </ul>	 <p><b>FIRST:</b> Attach square post at ground to secure assembly.</p> <p><b>Each post must be plumb in all directions.</b></p> <p>Mark bottom post bracket position on slab at desired location for pre-drilled holes.</p>
	<p><b>SECOND:</b> Using the pre-drilled holes in bottom bracket as a guide, mark both holes on the slab or surface.</p> <p>Drill 3/8" diameter holes in slab or surface with masonry bit (not included) and fasten bottom post bracket to slab with two 3/8" x 2-3/4" wedge anchors.</p>
	<p><b>THIRD:</b> Insert wedge anchors and hammer down each bolt and tighten with 3/8" wrench.</p> <p>Repeat this step for each post location across entire assembly.</p>

**NOTE:** Keep post secured to ladder with ropes until all post are secure into slab or surface.


# STEP 11: ATTACH SIDE FASCIA

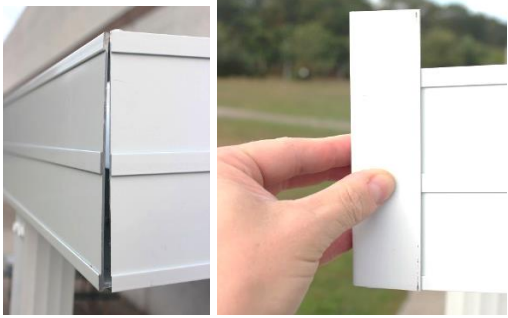
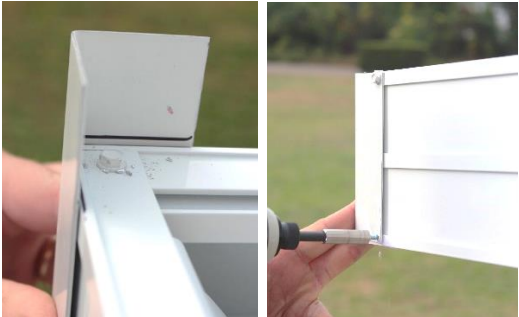

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Side fascia (K)</li> <li>✓ Sealant tub &amp; gun</li> <li>✓ #10 x 3/8" sheet metal screw</li> </ul>	

	<p><b>FIRST:</b> With assistance, press firmly to place the top flange of the side fascia over the front fascia top flange and the hanging channel at the wall.</p> <p>Secure side fascia from bottom and top and seal seams generously where needed.</p>
	<p><b>SECOND:</b> With assistance, press firmly to place the top flange of the side fascia over the hanging channel at the wall.</p> <p>Secure side fascia from bottom and top and seal seams generously where needed.</p>
	<p><b>THIRD:</b> Using adaptor and #10 x 3/8" sheet metal screw, fasten the side fascia to the hanging channel and front fascia. Also, fasten at approx. 24" spacing to panel.</p> <p>Seal all seams generously</p>




## STEP 12: SIDE CORNERS

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Corner angles (L)</li> <li>✓ Sealant tub &amp; gun</li> <li>✓ #10 x 3/8" sheet metal screw</li> </ul>	

	<p><b>FIRST:</b> Place each corner angle (L) flush to front/side fascia bottom covering the seam.</p>
	<p><b>SECOND:</b> Mark desired height of each corner angle (L) and cut with tin snips or metal saw.</p>
	<p><b>THIRD:</b> Attach the corner angles (L) to the front and side fascia using the socket drive and four #8 x 5/8" tek screws.</p> <p>Seal seams generously.</p>

# STEP 13: FASCIA PAN CLIPS

Components Needed	Tools Recommended
<ul style="list-style-type: none"> <li>✓ Fascia clips (M)</li> <li>✓ Sealant tub &amp; gun</li> <li>✓ #10 x 3/8" sheet metal screw</li> </ul>	

	<p><b>FIRST:</b> Secure top of roof panel pans to front fascia with fascia clips at top of roof panels.</p> <p>Place top of clip over top leg in fascia where pans connect together and secure using #10 x 3/8" sheet metal screw.</p>
	<p><b>SECOND:</b> Continue across full width of patio cover and seal screw heads generously.</p> <p><b>CONGRATULATIONS AND ENJOY YOUR NEW HERITAGE PATIO SOLID PATIO COVER.</b></p>
	<p><b>Patio Care and Maintenance</b></p> <p>Your patio cover has a paint finish to resist the effects of damaging weather and aging. It is recommended you clean your patio cover at least twice a year by using a soft brush with water/mild dish detergent mixture rinsed off with water.</p>

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