

ALUMCENTER.NET 305-969-0264 or 954-674-2631





Insulated Roof Patios by Alumicenter Inc. The most cost effective solution to increase your outdoor leaving space while protecting you from the sun and weather conditions.



Plan the desired location for your cover patio.





Measure the width of the desired location. In this case, it will be 20' ft.





Determine the height for your c- channel while using a level and mark with a short line.





Measure the c-channel and prepare to cut if necessary.





Using a miter saw to cut the c-channel to the desired length.





Prepare to drill the holes into the c-channel.





Drill the first hole at 4" from the edge of the c-channel.





Drill the second hole at 4" from the other end of the edge of the c-channel.





We recommend to space the holes every 12" of the c-channel.





Keep the recommended spacing at every 12".





Keep the recommended spacing at every 12".





Prepare to calk the back of the c-channel with the solar seal (included).





Apply enough calking to ensure there is no water penetration.





Prepare the c-channel for installation.





Ensure the longer lip on the c-channel is at the top, secure with 1/4 tapcons (included).





Tip: Use a hammer drill with a 1/4 concrete drill bit for best results.





Apply a second layer of calking between the c-channel and the wall.





Lay out the post and beam with the desired spacing.





Tip: Cut 2" of the beam to leave space for the fascia installation.





Mark the location of the end post onto the beam. We recommend to leave 12" overhang on each side.





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Insert your beam into the post.





Find the center on each 3x3 post and mark the holes for the 3/8 hex bolts.





Drill two 3/8 holes on each post.





Use the 3/8 hex bolts to secure the beam into the post.





Mark the location of the two end posts.





We recommend to leave 12" overhang on the front side as well. In this case the panels are 12' ft.





Prepare the installation of your first panel.





Prepare the installation of the first panel with additional help. The female side should be in the outside.





Push the panel under the longer lip first, then continue to push the panel against the wall.





Try not to leave a gap between the panel and the back of the wall header.





Secure the panels with a tek screw #12 at 2" of the edge on both sides.





Continue to secure the panels using tek screws at 11" from each other.





Use the same procedure on the top of the panel.




Use the same spacing to secure the panels on top.





Secure the panel to the beam using tek screws # 14 x 4-7/8. Use one screw on each end of the panel.





Make sure you level the post on the front side before securing the panel to the beam.









































Tip: Cut the male side of the last panel before installation.





Use a grinder to cut the metal and foam of the male side on the last panel.





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Install and secure the last panel.





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Prepare the angle brackets with two 3/8 holes on top and one 3/8 whole at the bottom.





Use a 3/8 aluminum drill bit to perforate the 3x3 post.





Follow the same procedure on the opposite face of the 3x3 post.





Use a 3/8 concrete bit to drill into the concrete while leveling the post on the sides.





Follow the same procedure on the opposite face of the 3x3 post, while leveling the post on the sides.





Install the 3/8 tapcons or sleeve anchor into the concrete.





Follow the same procedure on the other 3x3 post.





To prepare for the e-gutter installation, measure from side-to-side along the panels.





Cut the e-gutter if necessary to achieve the desired length.





Cut the e-gutter if necessary to achieve the desired length.





Insert the e-gutter into the panels.





Push the e-gutter into the panels and try not to leave any gaps.





Secure the e-gutter to the panels by inserting tek screws # 12 to 2" on each end and 11" apart.





Prepare for the fascia installation by measuring and cutting it to the desired length.





Tip: notch the fascia where it meets with the e-gutter so that it mounts flush with the panel.





Tip: notch the fascia where it meets with the e-gutter so that it mounts flush with the panel.





Mount the fascia to the side of the panel.





Seal the corner joint between the e-gutter and the aluminum fascia.





Use tek screws # 12 to secure the fascia to the top of the panel at every 12".




Use tek screws # 12 to secure the fascia to the bottom of the panel with only three screws.





Use tek screws # 12 to secure the fascia to the bottom of the panel with only three screws.





Use tek screws # 12 to secure the fascia to the bottom of the panel with only three screws.





Securing the panels, Tip: use a short line to mark each end by using the previews screws as reference.





Securing the panels Tip: use a short line to mark each end by using the previews screws as reference.





Use tek screws #14 x 4-7/8 two inches on each end and space the rest of the screws at 11".





Use Peel & seal to seal all the joints between the panels and the profiles.





Use the peel & seal tape to secure the joint between the e-gutter and the panels.





Use the peel & seal tape to secure the joint between the fascia and c-channel to the panels.





Use the peel & seal tape to secure the joint between the fascia and c-channel to the panels.





Use the peel & seal tape to secure the joints between panels.





Drill a 2" whole into the e-gutter. Ensure the hole is aligned with the front post.





Install the e-gutter outlet using four tek screws #12.





Cut the down spout to size and use the elbows to complete the installation.





Secure the down spouts to the front of the post using two tek screws # 14 x 4-7/8 top and bottom.





Secure the down spouts to the front of the post using two tek screws # 14 x 4-7/8 top and bottom.





Follow the same procedure for the other down spout.





Follow the same procedure for the other down spout.





Cut two pieces of the receiving channel to cap both ends of the 2x5 beam.





Secure the receiving channel using two tek screws #12 to the front face only.





Enjoy your new patio project!





Visit our website at Alumcenter.net to inquire more about our custom size roof kits. Or give us a call at 305-969-0264 or 954-674-2631

