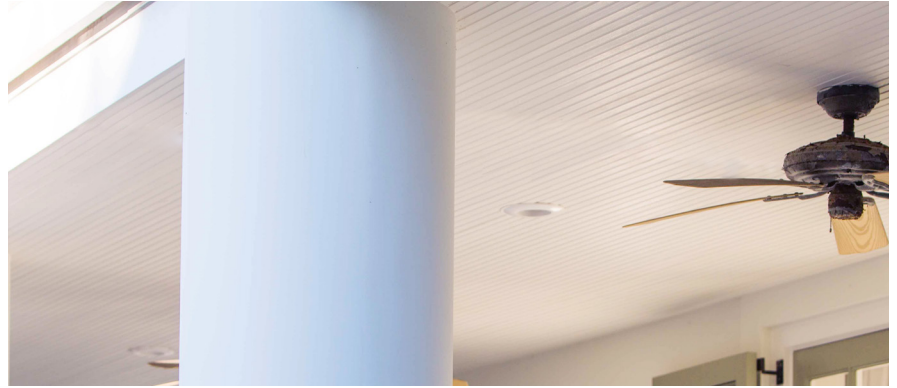## Preparing to install

Your Traditions Ceiling is a double sided product. One side of the board offers a 1-1/4" bead pattern and the other side offers a 2" pattern, both of which are historically accurate. Before you begin installation, decide which surface you would like to be seen from underneath your ceiling. Ensure that your product has fully acclimated to the ambient temperature for where it will be installed. Make sure the substrate where your boards are going to be installed is even, secured, and level with one another. A low or high spot in your substrate can cause a wavy appearance. Correct any low or high spots prior to installation.

Fastening the first board

Make sure your first board is completely square with where your last board will terminate. If this is not done, you may be forced to rip your last board at an angle. This angle could be noticeable and could effect the aesthetics of your install.   It is best practice to use marks for your first board. In many cases it may be best to use a chalk line to mark the location on each joist where your starter board should begin. It is REQUIRED to leave a 1/4" gap around the parameter of your ceiling/wainscoting. This should provide sufficient space for your building envelope to move as the temperature and moisture levels change throughout the year.   See recommended materials below for a list of fasteners, glues, paints and stains.

24" On Center installation Instructions

Apply a 1/4" bead of construction adhesive to the ceiling joist. For best results, us a urethane based construction adhesive like PL Premium. After you have applied the construction adhesive to the joist, hold your first board in place and shoot a single face nail into the groove side of your ceiling board through the face (Shooting the nail into the bead would be the easiest place to conceal the faster). Shoot two nails (spread the nails out about 3/4" so that both nails penetrate the tongue and the joist) through the tongue at a 45 degree angle. If you are using 1/4" crown or 1/2" crown staples you should only use one staple per joist. For 24"OC installations, construction adhesive is required as well as this nailing pattern.

Place the next board into place, sliding the groove completely over the tongue until the second boards butts firmly up next to the first board. Repeat the nailing pattern and construction adhesive from your first board. Continue installing boards as in step 2 and 3 in this same pattern until you get to the last board. On the last board, you may have to rip the final board down to a specific width to completely finish your ceiling. Once you have made the last board the correct length and width, install it by placing 2 face nails per joist within 1/2" of the edge of the plank where it meets the wall. If you maintain this nailing pattern, your crown molding or trim piece should cover the nail holes. If for some reason, it does not cover the nail holes, fill the holes with a paintable wood filler and then paint your ceiling board.

In the case that you have to use butt joints, make sure the butt joints and mitered joints are face nailed and glued together with Christy's Red Hot White Vinyl glued under a joist. Do not butt joint the product without ensuring there is a joint to face nail and secure the board with (blocking may need to be added).

SPECIAL NOTES FOR 24" OC INSTALLS

Aeratis Traditions Beaded Ceiling and Wainscoting is the ONLY synthetic product approve for installation on joist that are 24" OC. For best performance, use a urethanes based construction adhesive on the joist. It is required to shoot 2, 15, 16 or 18-Gauge 1-1/2" - 2-1/2" in galvanized/coated finish nails or one 1-1/2" - 2" Finishing Pneumatic Staples (1/4" or 1/2" crown and be used) 15, 16 or 18 gauge in each joist.

16" OC or Less Installation

Hold your first board in place and shoot a single face nail into the groove side of your ceiling board through the face (shooting the nail into the bead would be the easiest place to conceal the faster). Shoot one nail or staple through the tongue at a 45 degree angle. For 24"OC installations, see 24"OC installation instructions. Place the next board into place, sliding the groove completely over the tongue until the second boards butts firmly up next to the first board. Repeat the nailing pattern from your first board. Continue installing boards as in step 1 and 2 in this same pattern until you get to the last board. On the last board, you may have to rip the final board down to a specific width to completely finish your ceiling. Once you have made the last board the correct length and width, install it by placing 1 face nail per joist within 1/2" of the edge of the plank where it meets the wall. If you maintain this nailing pattern, your crown molding or trim piece should cover the nail holes. If for some reason, it does not cover the nail holes, fill the holes with a paintable wood filler and then paint your ceiling board.

In the case that you have to use butt joints, make sure the butt joints and mitered joints insure that all joints are face nailed and glued together with Christy's Red Hot White Vinyl glued to a joist.

Recommended Fasteners

15, 16 or 18-Gauge 1-1/2" - 2-1/2" in Galvanized/Coated Finish Nails
1-1/2" - 2" Finishing Pneumatic Staples (1/4" or 1/2" crown and be used) 15, 16 or 18 gauge

Recommended Joist Adhesive

Loctite® PL® Premium® Polyurethane Construction Adhesive or equivalent.

Required Butt Joint Adhesive

Christy's Red Hot White Vinyl Glue
Oatey Heavy Duty PVC Cement

Recommended Paints and Stains

Any exterior grade paint that is acrylic based. For best results and to extend the time between painting, use a 100% acrylic based paint. Any acrylic based stains or solid and translucent stains can be used.
There is no restrictions on the darkness of the color or layers of paint (multiple layers of stain and paints can create a wood grain and texture) and stains that can be used on this porch ceiling. You can paint or stain your porch ceiling any color you would like.

Securing Lighting, Ceiling Fans, Foggers And Electronics To Your Ceiling

Ensure that all framing is planned in advance to support ALL ceiling penetrations. Your Traditions ceiling is not meant to support the weight of your ceiling penetrations. Make sure that proper framing is in place to support penetrations. It is best practice to use a contraction adhesive when securing your Traditions ceiling to framing near or around penetrations. DO NOT ATTACH A SWING TO AN AERATIS CEILING! Make sure you secure your swing and ALL penetrations to a framing member above the ceiling.

Recommended Paints and Stains

Any exterior grade paint can be used for painting your Aeratis Traditions beaded ceiling/Wainscoting. For best results, and to extend the time between painting, use a 100% acrylic based paint. Any acrylic based stains or solid and translucent stains can be used.

There are no restrictions on the shade of color used on your ceiling. You can paint or stain your porch ceiling any color you would like. Yes, this include Black. There is no limit to the layers of paint and stains (multiple layers of stain and paints can be used to create a wood grain or venetian texture) that can be used on your Traditions porch ceiling.

Painting Instructions

After you have installed your Traditions Ceiling… First remove the protective film from the product surface and discard. Before applying paint to your Traditions ceiling it is necessary to prep the surface to make sure it's completely clean, dry and free of any debris. If debris or moisture has accumulated on the boards you can use a soft broom and water hose to remove (make sure surface is completely dry before painting). Keep in mind, you are painting the surface only after installation. There is no need to paint any other side of the boards unless you desire. Do not paint the tongues prior to installation. The tongue and groove are engineered to fit together tightly to better secure your ceiling during high winds. Painting the tongue or in the grooves can make it difficult for the tongue and groove to fully join.

Clean the surface of all debris, oil, sand and or dust with acetone using a painters rag, sponge, or a sponge mop 30 minutes prior to painting or staining the surface. Apply 2 coats of the above recommended paint with either a roller, sprayer or brush (the type of applicator you use will determine the type of finish). Allow a minimum of 4 hours between coats (for best practice make sure the surface is completely dry and clean of all debris between applications. Allow 3 to 7 days to cure before pressure washing.