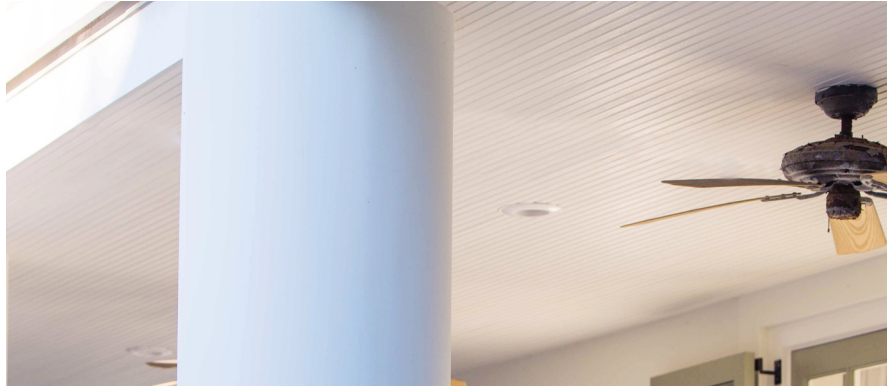


### PREPARING TO INSTALL

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. Any low or high spots in your substrate can cause a wavy appearance. Correct any low or high spots prior to installation.

### TOOLS AND FASTENERS

Check the joist system to see if the boards are treated or if they are untreated. If the joists are treated you will need to use a stainless-steel fastener. It is required to use construction adhesive on each joist. It is recommended to use a pneumatic finish nailer to install the Aeratis Traditions Twenty-Four ceiling boards and it is required to use construction adhesive on all Traditions Twenty-Four ceiling and wainscoting projects. **Before you install the first board, check the pressure on the air compressor and make sure the regulator is set to 80psi.** This may have to be adjusted to a lower or higher setting depending on the type of wood used as the substrate. Setting the pressure too high will result in the fasteners blowing all the way through the ceiling boards and this will cause an unsightly installation and will void the warranty.

### 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 as well as shooting the finish nail in the tongue, you must face nail the boards to the joist with 3 evenly spaced finish nails. It is required to use 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. Then 3 additional nails along the face of the board. Set the gun so the nail is

flush with the surface. 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 also required as well as this nailing pattern.

Place the next board into place, sliding the groove completely over the tongue until the second board 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 approved for installation on joist that are 24" OC. If installing Aeratis Traditions Twenty-Four, you must use a urethane 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. This is in addition to the face nails.

### **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 board 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 are face nailed and glued together with Christy's Red Hot White Vinyl glued over 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

### **REQUIRED 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

## **EXPOSED RAFTER TAIL INSTALLATION**

When installing Aeratis Traditions Twenty-Four make sure you follow all local and national building codes. These instructions are not meant to replace or supersede your local building codes.

Before you begin make sure you read the complete installation instructions. Refusing or failure to follow the instructions could lead to an unsightly installation, as well as the voiding of the product warranty. It is very important to understand that Traditions Twenty-Four is not a roofing material and must be covered by a proper roofing system.

Before you begin, please note, you will need urethane based construction adhesive and fasteners that are appropriate for use with the type of wood used for the rafter tails. Using a fastener that will corrode will void your Aeratis warranty. Failure to use construction adhesive between the Aeratis Traditions Twenty-Four and the rafter tail will void your Aeratis Warranty.

## **SPAN**

It is best practice to install Traditions Twenty-Four at 16" OC. If your project called for 24" OC, please read carefully the installation requirements for installing Aeratis Traditions Twenty-Four.

## **FASTENERS AND FASTENER PATTERN**

Non-corroding fasteners must be used for this application. The minimum fastener allowed is a 15 gauge 2" trim nail, and an 18 gauge trim nail is preferred. 2" Trim head screws can be used to secure Aeratis Traditions Twenty-Four to the rafter. 4 fasteners must be used at the end of each board. This means 8 fasteners at each joint. If you are using a pneumatic nailer, make sure you test the pressure and insure the nail heads do not pass all the way through your Traditions Twenty-Four material

## **SPACING AND BUTT-JOINTS**

It is required to allow for an ¼" gap around the edge of the entire ceiling.

## **FELT PAPER AND WATER-PROOFING MEMBRANES**

It is imperative to never put a roofing membrane between the Aeratis Traditions Twenty-Four and the plywood/roofing. Using a membrane in this area can trap unwanted moisture inside the plywood and create fungal decay in the rafter-tails. NEVER FASTEN TRADITIONS-TWENTY FOUR TO PLYWOOD ALONE. YOU MUST SECURE THE BOARDS TO A JOIST.

## **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 are 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 construction 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 includes 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 the 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 30 to 45 days to cure before pressure washing. Pressure washing prior to complete curing could result in the removal of paint or stain from the surface.

**IF YOU HAVE ANY QUESTIONS OR NEED ASSISTANCE PLEASE CONTACT US DIRECTLY TO RECEIVE THE BEST ADVICE.**