



ÆRATIS

THE PERFORMANCE LEADER IN EXTERIOR LIVING SPACE



Aeratis Features

- > An elegant finished floor look
- > Can be painted or left natural
- > For covered and uncovered porches
- > No ventilation requirements
- > Installed with staples, nails or screws
- > Cuts like wood and can be routed
- > Approved for historic restoration
- > Can be installed over concrete
- > Mold resistant and will not rot
- > Can be made water-tight
- > Dimensionally stable
- > Meets W.U.I. Requirements
- > ADA slip-compliant
- > Stain resistant
- > 20 year warranty

See website for complete details

The front porch is where we meet. It's where we greet our friends and loved ones. It's where we make first impressions. It's where we play, we relax and it's where we dream.

Your front porch isn't just an extension of your house, it's an extension of you.

By choosing Aeratis PVC porch flooring, the proven performance leader, not only will it make an elegant first impression for generations to come, it has the flexibility to make an impression that's distinctly *you*.

Whether you like the look of stained and finished wood, or prefer the traditional look of a painted porch floor, Aeratis has a product that's right for you.





IT'S NOT JUST AN EXTENSION OF YOUR HOUSE
...it's an extension of you.



WE MAKE IT LIKE THEY USED TO
...only better.



Historically, the porch was an extension of the grand entrance. Architects, builders and homeowners understood that a seamless transition between the porch and the entryway was a natural part of the design.

Timbers were rough cut to 1 inch thick. They were then milled on site to their correct shape and planed down for a smooth finished look, never left with a deep wood grain like most other types of decking available today.

This smooth finished size was 7/8" x 3 1/8", the exact dimensions of Aeratis Porch Flooring, making it the only product perfect for a historic restoration or for a new porch designed with historical accuracy.



Aeratis vs. Wood

Today's wood porches rot.

When homes were built back before 1900, the majority of the timbers used for porch flooring were cut from old growth forests. This means that the trees were grown to a ripe old age before being cut and milled.

This type growth allowed the wood timbers to be much more dense than the young, quick cut timber we have available on the market today. In an effort to make more profit in less time, mills today harvest wood that is far less dense and rush it from the forest to the lumber yard.

Lumber plays an important role in many aspects of today's building industry. Porch flooring is just no longer one of them.



Aeratis Classic & Heritage

comes in three pre-finished colors, designed to match the warmth and beauty of a finished wood plank.



> Weathered Wood



> Redwood

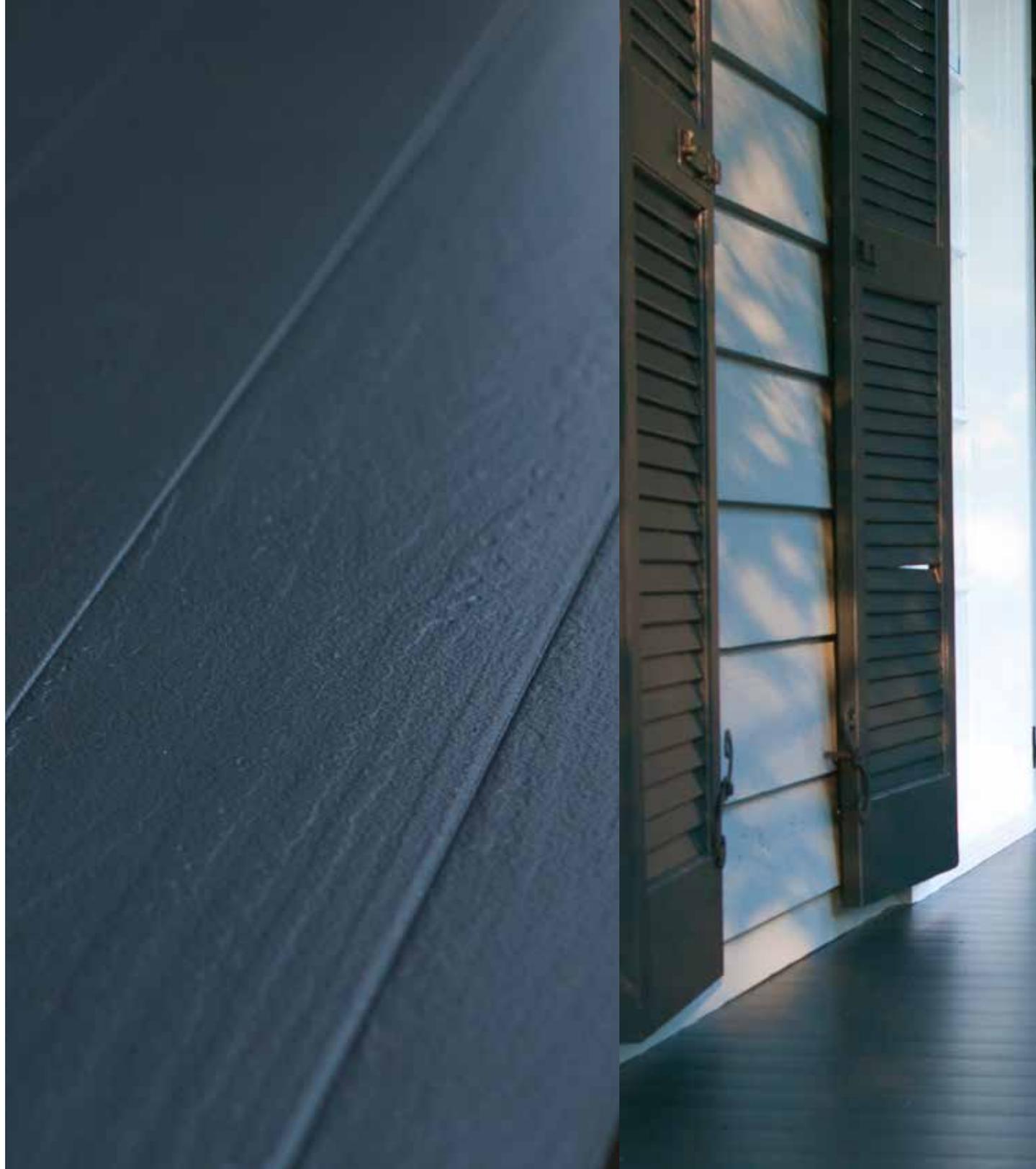


> Battleship Gray

Aeratis Traditions

is an uncolored, paint-ready board that is designed specifically for those who want the look of a traditional painted porch.

When painted with one of the recommended paints, Traditions has a 5-A paint adhesion (the strongest paint adhesion rating under the ASTM testing standards), making it the perfect solution for those who want a low maintenance porch in the color of their choice.



A photograph of a porch with white columns and a dark deck, overlooking a garden with trees and a brick planter. The scene is brightly lit, suggesting a sunny day. The porch has a dark, possibly black or dark grey, deck. To the left, there is a white door with a brass handle and a black lantern-style light fixture. The porch is supported by several white columns. In the background, there are lush green trees and a brick planter box with a small fountain. The overall atmosphere is peaceful and inviting.

DREAM IN COLOR
...any color.



PERFORMANCE IS OUR
...advantage.



The porch floor environment poses a unique challenge to whatever material is used. It's an area with very little ventilation, where hot air and sun bake the surface in the summer, while significantly cooler air is trapped underneath the floor. The opposite holds true in the wintertime.

This dramatic swing in temperature, combined with moisture collecting on the underside and humidity up above, causes inferior products to bow, cup, split, and compromise their dimensional stability. The expansion alone of other synthetic porch floor products has caused massive failures nationwide.

The strength and durability of Aeratis is proven to be far superior to all other options on the market. See our third party test results to learn why Aeratis has been the product of choice for porches on commercial, government and public works projects nationwide.

Aeratis Heritage

Aeratis Heritage is a color-through T&G PVC porch plank which has been enhanced with subtle, natural color variation along with a slight grain texture to mimic the richness and depth of wood. It is designed to look like an unpainted, finished wood floor. This historically accurate double-sided profile offers greater flexibility for installers and a finished look to the underside of your porch. Heritage is ADA slip compliant and has been engineered to withstand extreme weather conditions. Visit Aeratis.com to request a quote or learn about the complete line of Aeratis products and latest installation details.

Trim



1" x 7/8" Chamfer nosing 1" x 1/2" Half-round nosing 3/4" x 3/4" Quarter-round

Aeratis also offers traditional trim profiles to finish the edge of the porch including quarter-round, half-round nosing, and chamfer nosing in 8' lengths.

Weathered Wood Chamfered



Battleship Gray

Weathered Wood

Redwood

Unlike Aeratis Classic, Heritage is a double-sided board with a finished surface on both sides.

Aeratis Heritage comes in three pre-finished colors. Heritage can be painted, stained, or left natural. The three colors available are Weathered Wood, Battleship Gray, and Redwood.

Painted Quarter Round



Redwood Half Round



Heritage Universal Porch Plank

The Aeratis Universal Porch Plank, or UPP, is a 5-1/2" x 7/8" x 12' PVC plank specifically engineered to be used in conjunction with all of the Aeratis porch planks or as a stand alone product. The Universal Porch Plank comes in Battleship Gray, Redwood, Weathered Wood, and our proprietary paint ready formula.



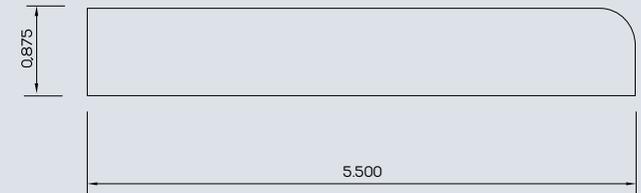
One corner of the board has the unique feature of a pre-finished routed edge, while the other three edges are 90° corners, offering more versatility in your designs. The pre-finished bullnose provides the finishing touch for the lead edge of stairs or a seamless picture frame. If the pre-finished bull-nosed edge is not desired, just flip the board over for a square-edge look.

For stair applications, make sure the bullnose is facing out on the lead edge of the stairs. On the inside board that touches the riser, make sure the bull nose is facing down and to the rear of the stair riser. This will provide the appearance of a T&G surface while providing a very small gap that will allow water to escape.

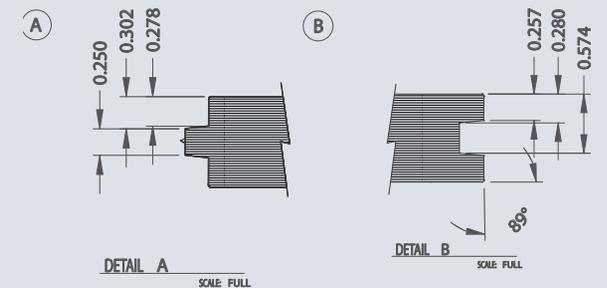
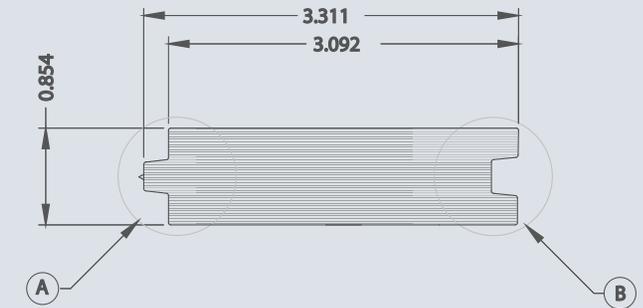
Aeratis Heritage Testing Data

Performance Characteristic	ASTM Method	Results
Flame Spread	ASTM E84	Class B or better
ADA Slip Test	ASTM F1679	.82 dry/.72 wet
Coefficient of Expansion	ASTM D696	1.91 x 10 ⁻⁵ in/in/°F
Compression Parallel	ASTM D198	2605 psi
Shear	ASTM 143	2939 psi
Screw Withdrawal	ASTM D1761	806 lbs
Decay Resistance	ASTM D1413	No Decay
Termite Resistance	ASTM D3345	10 - Highest Rating
Weatherability - 2000 hours	ASTM D2565	91% of Baseline MOR
50 Cycle Freeze Thaw	AC 174	93% of Baseline MOR
Water Absorption	ASTM 570	1.21%
Modulus of Rupture	ASTM D6109	16" O.C. - 3,000
Modulus of Elasticity	ASTM D6109	16" O.C. - 370,000

Universal Porch Plank Profiles



Aeratis Heritage Profiles





TRADITIONS

PAINT-READY PORCH FLOORING

Paint-Ready T&G Porch Flooring

Aeratis Traditions is an uncolored board that can be painted or stained in any color. Unlike the Classic line which can also be painted, Traditions flooring requires paint or stain to maintain their warranty. When painted or stained, Aeratis Traditions maintains a 5-A paint adhesion, the strongest paint adhesion in the industry (no priming needed). This means that you can enjoy the same low maintenance porch that matches the look and feel of your home in a color that's right for you, with a 20 year warranty. See Aeratis.com for complete painting and staining instructions



What is Traditions?

Aeratis Traditions is a paintable or stainable line of porch products priced competitively to wood while providing the superior performance of a PVC product. Once painted, Traditions products are indistinguishable from traditional wood, offering you greater design flexibility at a competitive price with a far superior paint or stain adhesion (5-A adhesion - the highest possible within ASTM standards).



TRADITIONS TWENTY-FOUR

Porch Ceiling & Wainscoting

Aeratis Traditions - 24" Beaded Ceiling/ Wainscoting is a historically accurate, double sided, paint ready PVC ceiling product. The Traditions-24" Ceiling board dimensions are 5" x 3/8" x 16'. What makes the Traditions-24" ceiling board unique is the fact that it is the only synthetic that can be installed with the ceiling joist 24" OC. Further, the ceiling board can be painted any color due to the nature of our proprietary paint grade formulation. (see paint instructions and paint rebate at Aeratis.com). The Traditions-24" ceiling board not only saves time and money during the installation process, it dramatically reduces the overall construction cost due to the significant advantage of the 24"



1-1/4" beaded plank (side 1)



2" beaded plank (side 2)



Trim



Aeratis also offers traditional trim profiles to finish the edge of the porch including quarter-round, half-round nosing, and chamfer nosing in 8' lengths.

When using trim pieces to finish up your Traditions paint ready porch floor, any color of trim will work. Everything made by Aeratis can be painted or stained and a 5-A paint adhesive can be achieved.

Traditions Universal Porch Plank

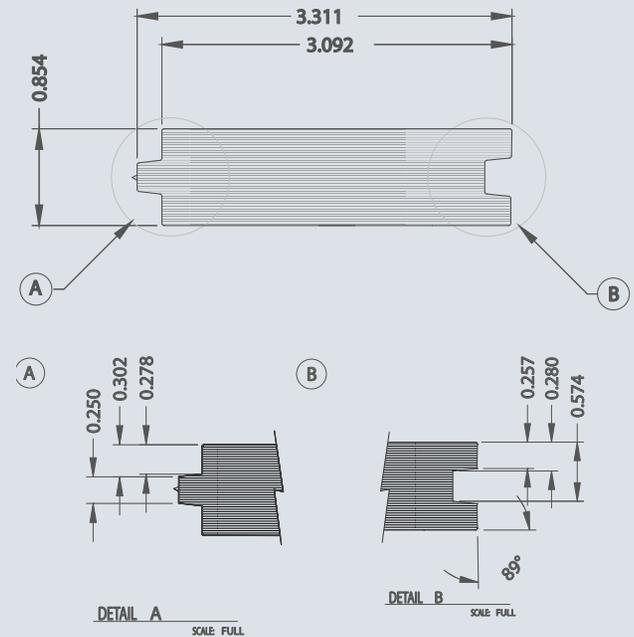
The Aeratis Traditions paint-ready Universal Porch Plank is perfect for picture framing your Traditions installation, using on stairs, or even as a stand alone wide-plank porch application. Follow the same painting instructions as the porch planks.



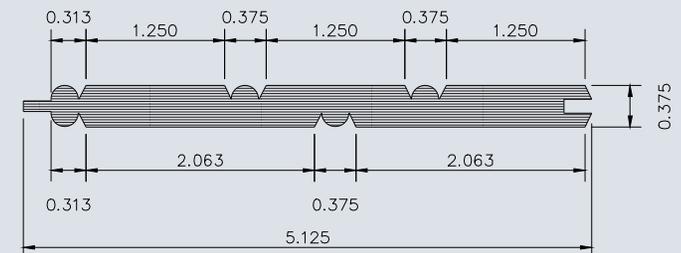
Aeratis Traditions Testing Data

Performance Characteristic	ASTM Method	Results
Flame Spread	ASTM E84	Class B or better
Coefficient of Expansion	ASTM D696	191 x 10 ⁻⁵ in/in/°F
Compression Parallel	ASTM D198	2605 psi
Shear	ASTM 143	2939 psi
Screw Withdrawal	ASTM D1761	806 lbs
Decay Resistance	ASTM D1413	No Decay
Termite Resistance	ASTM D3345	10 - Highest Rating
Water Absorption	ASTM 570	121%
Modulus of Rupture	ASTM D6109	16" O.C. - 3,100
Modulus of Elasticity	ASTM D6109	16" O.C. - 362,000

Aeratis Traditions Profiles



Traditions - 24" Ceiling Profile





Battleship Gray

Weathered Wood

Redwood

Aeratis Classic

Aeratis Classic comes in three pre-finished colors, with subtle, natural color variation to mimic the richness and color depth of wood. It is designed to look like an unpainted, finished wood floor. The three colors available are Weathered Wood, Redwood, and Battleship Gray. The Classic line also has trim in matching colors.

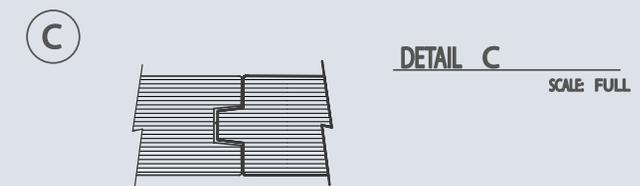
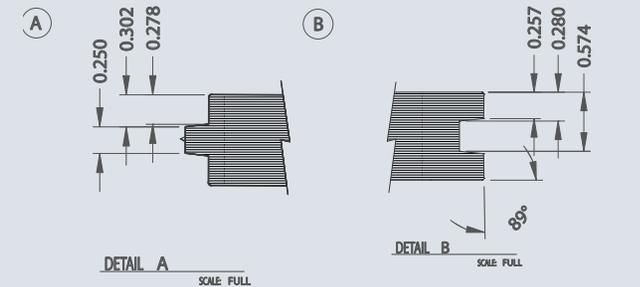
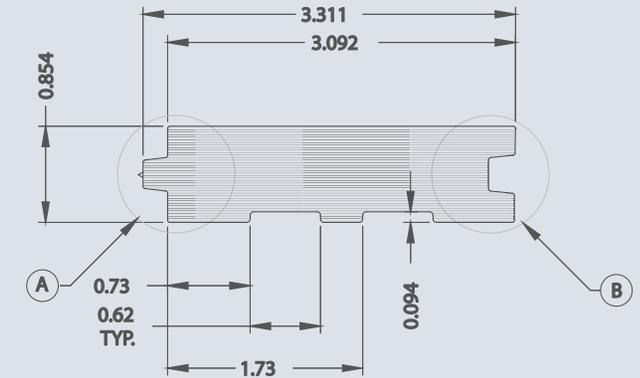
What distinguishes Aeratis Classic above any other product is its Class "A" fire rating. Aeratis Classic is the ONLY synthetic that is both Class "A" fire rated and meets or exceeds all requirements for use in the State of California's Wildland Urban Interface (W.U.I.) areas. Additionally, all Aeratis products are ADA slip-complaint and the most dimensionally stable exterior flooring products on the market.

If your project demands the ultimate in beauty, historical accuracy, ADA slip-compliance and the highest level of flame-spread resistance, there is only one choice on the market, Aeratis Classic.

Aeratis Classic Testing Data

Performance Characteristic	ASTM Method	Results
Flame Spread	ASTM E84	Meets W.U.I. Requirements
ADA Slip Test	ASTM F1679	.82 dry/.72 wet
Coefficient of Expansion	ASTM D696	1.91 x 10 ⁻⁵ in/in/°F
Compression Parallel	ASTM D198	2605 psi
Shear	ASTM 143	2939 psi
Screw Withdrawal	ASTM D1761	806 lbs
Decay Resistance	ASTM D1413	No Decay
Termite Resistance	ASTM D3345	10 - Highest Rating
Weatherability - 2000 hours	ASTM D2565	91% of Baseline MOR
50 Cycle Freeze Thaw	AC 174	93% of Baseline MOR
Water Absorption	ASTM 570	1.21%
Modulus of Rupture	ASTM D6109	16" O.C. - 3149
Modulus of Elasticity	ASTM D6109	16" O.C. - 372,000

Aeratis Classic Profiles



Porch Flooring Installation and Application

Due to the dimensional stability of Aeratis, we offer the widest range of acceptable installations in the industry. To name a few, low or no ventilation installs, waterproof installs, direct to concrete, over standard joist system, directly over a membrane, and both covered and uncovered applications. Aeratis is a high performance material, with a life expectancy that far surpasses wood and other synthetics. Before installing, follow a few simple recommendations and guidelines, found at Aeratis.com, and we are certain that you will be satisfied with every Aeratis product installed.



Before installing Aeratis, check local and national building codes. Aeratis meets ALL national and local requirements for installation on residential, commercial, and government applications. For best results, install Aeratis porch flooring with a pneumatic flooring nailer. When selecting the right fastener, check to see which fastener is recommended by the treated wood or substrate that the fastener will be penetrating. For best results, on a standard joist installation, we recommend using a 2" stainless steel or galvanized staple along with a urethane based construction adhesive. Make sure your joist adhere to national building codes and are 16"OC.



For best results, run the Aeratis T&G boards perpendicular to the structure or the desired direction of water run-off. Installing boards perpendicular to the structure are not only more aesthetically pleasing, they will promote water run-off from wind-blown rain and when large volumes of water is used to clean siding, windows and ceiling boards.

With just a little planning it is possible to virtually eliminate maintenance on your porch floor. Please be sure to visit Aeratis.com and review the installation instructions. The guidance provided on the website, will help insure a perfect install.

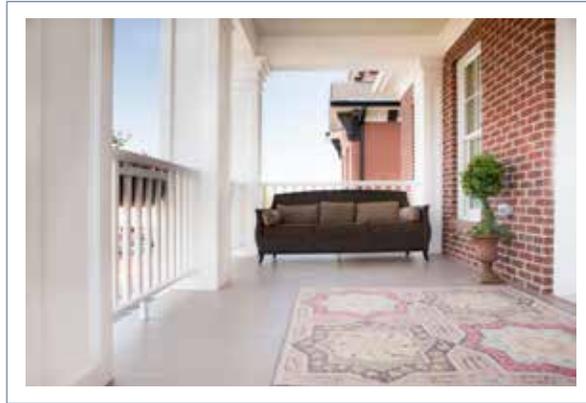
Beaded Ceiling Installation and Application

For years many people believed that the most difficult environment for a product to perform was on the porch floor. The porch floor is a tough environment due to the lack of ventilation, high exposure to moisture, and heavy use. However, getting a porch ceiling to perform has been what seemed to be an insurmountable task until now. Aeratis has introduced the only synthetic that can be installed on a span rating of 24"OC, and painted any color. This is by far the most dimensionally stable synthetic product on the market.



Installing this product is as simple as installing the Aeratis T&G porch floor. The best fastener for installing the beaded ceiling product is a galvanized or stainless fasteners (check with the substrate manufacturer/treater for best fastener material). For best results and for all 24" OC installations, use a bead of construction adhesive on the substrate just prior to fastening the ceiling board. The Aeratis Beaded Ceiling boards can be installed parallel or perpendicular. If the boards are installed and a butt joint is used, make sure the joints are glued and fastened over a ceiling joist and not left free floating.

Before installing the Aeratis Beaded Ceiling/Wainscotting, review all installation requirements and best practice items. The installation instructions provide the best possible installation method that will insure longevity of the Aeratis product installed.



ÆRATIS

PVC PORCH FLOORING

p. 888-676-2683

products@aeratis.com

www.aeratis.com www.porchpro.com