

### AERATIS STAIR-TREAD INSTALLATION GUIDE

Make special note: Aeratis Stair-Tread is a double sided board. Notice that two of the 4 corners are rounded over in the form of a bull-nose. Before you install Aeratis Stair-Tread, please review all installation instructions, requirements and recommendation below. This stair-tread product can be installed in many applications and is intended to be a complimentary item to be used with Aeratis Heritage, Aeratis Legacy or Aeratis Traditions.



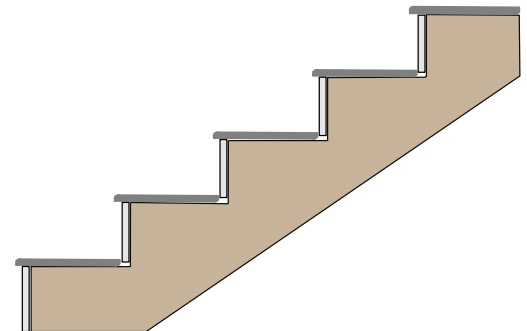
### ACCLIMATION

Aeratis Stair-Tread should be acclimated a minimum of 24 hours unstacked and with the protective/ installation film removed. When unstacking the boards for acclimation, remove the protective film and inspect all sides of the boards for shipping damage. The installation of a damaged board is not covered under the Aeratis Warranty.

### FASTENING

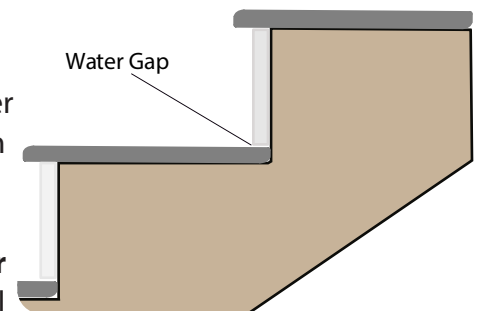
Aeratis Stair-Tread should be installed using face screws and then using plugs to fill the holes made by the screws. Use either #7 or #8 ceramic coated, galvanized or stainless-steel screws. The screws used should be a minimum of 2" long. Each screw should be counter sunk into the boards a least 1/4" of an inch. Three fasteners per joist/stringer should be used.

Screws should be placed within one inch of the edge of the stair-tread but no closer than 1/2" from the edge. Failure to follow the fastening pattern will void the warranty.



### JOISTS SYSTEM

When building or modifying a joists/stringer system, make sure to check for high and low spots in the joists/stringer framing. Make sure that the joist/stringer system is a maximum span of 16" OC for normal joist/stringer installation and stair applications. If joists or stringers are installed uneven to one another, this will result in ponding or puddling water. **REMINDER: Synthetic materials follow the joists system. Insuring your joists system has no low or high spot will create a better looking and better performing installation.** Note: the age and type of treating chemical will dictate the fastener material. It is always best practice to use stainless-steel fasteners.



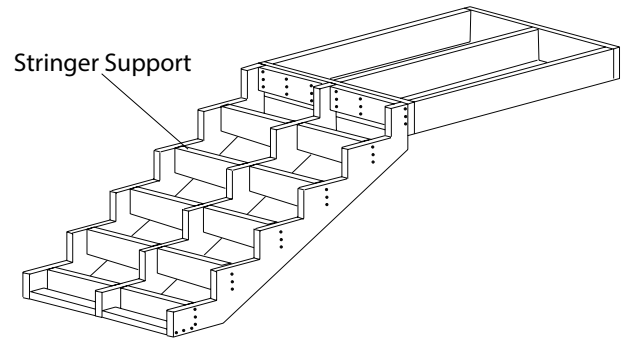
### STRINGER SLOPE AND WATER-SHED

With a single tread surface it is essential to plan for watershed. The most simple way to place for water shed is to slightly slope the stringers as you cut them. Lets say that your stairs are to be cut at a 45 degree angle.

Instead of cutting them at a 45 degree angle, slightly alter the angle to be between 1 and 3 degrees less. This will angle the tread surface towards the riser. By leaving a very small gap between the stair-tread and the riser, this will provide a place to shed water.

### **ADDITIONAL JOIST SUPPORT**

It is highly recommended to add additional support between your stringers. For best results use a treated 2" x 4" standing vertical in the middle of the runner between stringers. This will not only add support to the tread, it will help reduce the potential for your stringer to twist or warp as they begin to dry.



### **GLUING**

It is best practice to use urethane-based construction adhesive on the joist / stringers when installing the Aeratis Stair-Tread.

### **TOOLS**

For cutting and ripping Aeratis products, you can use a standard miter saw, circular saw, jigsaw or table saw with carbide saw blades (make sure the blade is sharp). A standard router and router bits may also be used.

### **BUTT-JOINTS**

It is not recommended to install the Aeratis Stair-Tread in an application using butt-joints. If you are left with no other options, follow the butt-joint installation recommendations for other Aeratis products with the addition of using a minimum of 4, 1/2" synthetic dowels for best outcome. [https://www.aeratis.com/installation\\_videos](https://www.aeratis.com/installation_videos).

### **PROTECTING THE BOARDS DURING BUTT-JOINT INSTALLATION**

Before you use the glue on the butt-joints, use a painters tape or other wide tape to protect the surface of the boards from glue squeezing out and getting onto the surface. If you allow glue to get on the surface of the boards it can discolor the surface.