

Renovation Stair Treads + Nosings

Models: BSTRB, BSTRM

GENERAL DESCRIPTION



Stair treads and nosings are designed for years of safe egress. Proper installation is critical to product performance. Locally accepted installation practices and procedures should be followed to ensure a safe stairway system that meets all local code requirements, including Occupational Safety and Health Administration (OSHA), Americans with Disabilities Act (ADA), International Code Council (ICC) and International Building Code (IBC).

Introduction + Safety

Please read the complete instructions carefully before beginning any work. To ensure proper installation and performance of the stair nosing, the following actions must be completed by the installing contractor. Failure to do so will affect the product warranty.

GENERAL SAFETY PRECAUTIONS Improper selection, installation, or use can cause personal injury or property damage. It is solely the responsibility of the user, through its own analysis to select products suitable for their specific application requirements, ensure they are properly maintained, and limit their use to its intended purpose. Follow proper local, state and federal regulations for proper installation and operation requirements.

Transportation + Storage

- Inspect all shipments and materials for missing or damaged components and hardware.
- Material must be stored in a clean, dry location.

Preparation

- Clean substrate, ensuring all loose debris is removed prior to installation.
- In areas where concrete is dished or spalling, apply a quick-setting, self-leveling compound. If wood tread is rotted, replace it (*figures 1 and 2*).

Note: Any voids left between the underside of the metal stair nosing and the substrate will allow flexing of the stair nosing itself. It is vital the installer make sure there is a clean and level surface under the stair nosing to totally seat onto the substrate and fully rest upon the riser return.

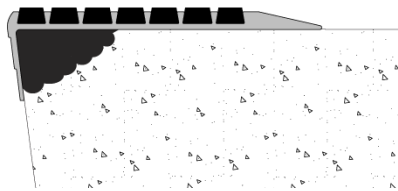


Figure 1

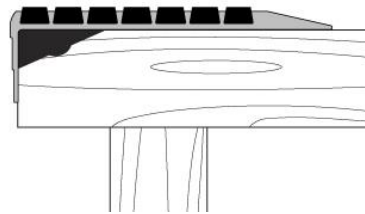


Figure 2

Tools Required

- Electric or hammer drill
- 3/16" drill bit
- Flat-head fasteners
- Caulk gun
- Exterior grade polyurethane construction adhesive
- Shop vacuum or compressed air
- Permanent marker

INSTALLATION

Renovation treads are designed to sit on top of existing stair riser return which provides total support for the nosing.

1. Place nosing in desired location on tread. Using the pre-drilled holes as a guide, mark locations on substrate using permanent marker.
2. In marked locations drill pilot holes appropriate for the fastener. When using concrete fasteners, please follow all instructions provided by the fastener manufacturer.
3. Using shop vacuum or compressed air, free pilot hole of dust and debris created from drilling.
4. Wipe clean the backside of nosing.
5. Staying approximately 1/2" inside the perimeter of the nosing and around any holes, apply a 1/4" bead of construction adhesive to the back of the tread. Apply an equal sized bead around all holes and in a zigzag pattern, fill in the center area of the nosing.
6. Place back into position, aligning nose flush to end of tread (*figures 1 and 2*).

7. Secure nosing with appropriate fasteners in pre-drilled holes.

Stair Material	Fastener Type
Masonry Steps	Expansion shields and flat-head screws
Metal Steps	Bolts and nuts or self-tapping flat-head screws
Wood Steps	#10 wood flat-head screws

Note: Stainless Steel fasteners are recommended for exterior steps.

OPERATION

Photoluminescent Option

Exposure Requirements:

1. The minimum amount of exposure to direct sunlight is 60 minutes.
2. The minimum amount of exposure to artificial ambient illumination is 60 minutes from the following:
 - o Fluorescent straight tube T8 or T12, 4000 – 4500 K color temperature
 - o Incandescent soft white 2700 – 3000 K color temperature
 - o LED 2700 – 3000 K color temperature
3. The control of the ambient illumination necessary to charge the luminous egress path marking system should be restricted to authorized personnel only.
4. Failure to supply the above minimum exposure can prevent the luminous egress path marking from performing as intended.
5. No specific building surface treatment is required for the luminous egress path marking system to function properly.

MAINTENANCE

Keep stair treads and nosings free of debris and dirt by sweeping or vacuuming regularly. Heavy-duty commercial cleaners will not harm nosings but are generally not necessary. If nosings are damaged, please contact the factory for a repair kit or replacement nosings.

Cleaning

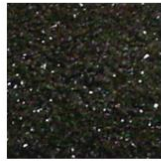
- Treads should be swept with a broom or vacuumed with a heavy-duty commercial vacuum cleaner at least once a week.
- When needed, scrub surface vigorously with a stiff bristled brush using a mild detergent. *Do not use any product containing solvents, such as Acetone. It will break down the abrasive adhesive.* We suggest using Murphy's Oil Soap® or Simple Green®. Rinse thoroughly with water after cleaning.
- Scuff marks on the aluminum nose can be removed by rubbing with a fine steel wool and a commercial cleaning agent.
- To remove snow and ice, use deicing compounds such as calcium chloride or sodium chloride.
- EcoTread can be Pressure Washed
- **DO NOT CLEAN WITH ABRASIVE GRIT FILL WITH PRESSURE WASHER**

REPLACEMENT PARTS / REPAIR KITS*

PART NUMBER	DESCRIPTION
ST-KIT-BLACK-1G	1 GALLON BLACK ABRASIVE GRIT REPAIR KIT
ST-KIT-BLACK-1Q	1 QUART BLACK ABRASIVE GRIT REPAIR KIT
ST-KIT-C1-1Q	1 QUART PHOTOLUMINESCENT ABRASIVE GRIT REPAIR KIT
ST-KIT-C2-1Q	1 QUART BROWN ABRASIVE GRIT REPAIR KIT
ST-KIT-C3-1Q	1 QUART BURGUNDY ABRASIVE GRIT REPAIR KIT
ST-KIT-C4-1Q	1 QUART GRAY ABRASIVE GRIT REPAIR KIT
ST-KIT-C5-1Q	1 QUART YELLOW ABRASIVE GRIT REPAIR KIT
ST-KIT-C6-1Q	1 QUART GREEN ABRASIVE GRIT REPAIR KIT
ST-KIT-C7-1Q	1 QUART RED ABRASIVE GRIT REPAIR KIT
ST-KIT-C8-1Q	1 QUART BUFF/ORANGE ABRASIVE GRIT REPAIR KIT
ST-KIT-C9-1Q	1 QUART BLUE ABRASIVE GRIT REPAIR KIT

*Each Kit Contains Abrasive, Epoxy Hardener and Epoxy Resin

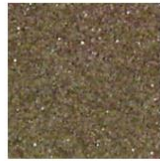
ABRASIVE GRIT COLORS



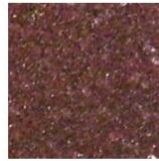
Black



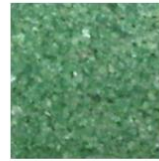
Gray



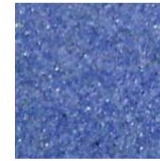
Brown



Burgundy



Green



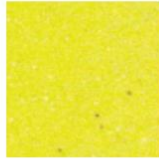
Blue



Red



Buff



Yellow



Photoluminescent

ECOTREAD COLORS



Black



Safety Yellow C5



Blue C10



Gray C11

QUESTIONS?

For more information on installation, repair, or replacement, please contact Customer & Sales Support at 888-412-3726 or visit babcockdavis.com