



#### **Overview:**

Stair treads and nosings are designed for years of safe stairs. Proper installation of the stair treads and nosings is critical to the products' performance. The following are general instructions for installing, maintaining and cleaning stair treads and nosings. These are recommended general guidelines only. Locally accepted installation practices and procedures should be followed to ensure a safe stairway system that meets all local code requirements, including OSHA, ADA and IBC.

#### **Set Up/Unpack/Preparation:**

Verify that all products listed on the packaging slip are included in the package. Check the products for damage. If products are damaged, report a freight claim immediately and leave the products in their packaging. If you sign for products without reporting damage, you waive the right to a freight claim and will be responsible for replacement cost. Read the instructions thoroughly before beginning installation.

#### **Installation Guidelines for new concrete or steel pan concrete filled stairs:**

Anti-slip metal safety stair nosings are designed to be fully embedded in the substrate (most often concrete or cement) which will provide total support for the stair nosing. Follow these steps when installing a stair tread and nosing into new concrete or steel pan concrete filled stairs:

1. Pour the concrete
2. Place the stair tread and nosing into position in the concrete
3. Tamp the stair tread and nosing to insure proper concrete formation around the anchors on the underside
  - a. It is vital the installer tamp down the stair tread and nosing to fully seat it into the substrate and fully rest upon any riser return such as pan-filled stairs.
  - b. Metal stair tread & nosing's placement may be difficult in concrete with a very low slump (mass). Ensure the concrete mix is of the proper consistency, not too dry, not too wet.

#### **Installation of Two Part Stair Treads and Nosings:**

1. Schedule installation of the nosing frames to occur when the stairs are poured. The nosing frames must be installed before concrete or cement sets.
2. Mix concrete. Avoid using large aggregate and take care to ensure the concrete is the proper consistency.
3. Pour and puddle the concrete. Place the safety nosing into position, ensuring that the leading edge is placed flush with the edge of the stair and that the nosing is level. Take care to ensure the front of the nosing is facing the front of the stair. If the frame is installed backwards, the top of the nosing will not fit properly. Ensure that the

concrete is filled in around the continuous aluminum anchor.

4. Tamp down the nosing to ensure it is properly seated into the substrate. Any voids left between the nosing and the substrate will cause flexing, which in turn will cause the nosing to fail.
5. Allow the concrete to set. Do not walk on the nosings for 24 hours. Do not put excessive weight on the nosings for five days.
6. When you are ready to install the tops of the nosings, remove the particle board filler from the nosing frames.
7. Screw down the tread tops with screws provided.

**Issues to avoid after installation:**

Concrete overspray  
Cracking of full abrasive treads  
Abrasive getting dislodged from the tread.

**Repair Kits Available:**

Repair kits can be provided for small areas that have been damaged or abused. Repair kits are for aesthetic purposes and do not offer the same stability of treads manufactured at our facility.

Repair kits are shipped with 3 components:

- \*Abrasive in any of our standard colors
- \*Epoxy Hardener
- \*Epoxy Resin.



**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. We suggest using Murphy's Oil Soap<sup>®</sup> or Simple Green<sup>®</sup>. 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 Sodium Chloride salt. Do not use Acetone.

If any questions arise during the operation or maintenance of the products, please feel free to call our toll-free number for assistance, 1-888-412-3726.