

EVERGLOW STAIR NOSINGS & TREADS



Installation Instructions

EverGlow Stair Nosings and Renovation Stair Treads are durable and long lasting – constructed with extruded aluminum, a code approved epoxy photoluminescent insert, and a slip resistant aluminum or tread surface. Nosings and treads are furnished cut to the length specified by the customer and have holes drilled and countersunk for fasteners. Tapcon fasteners, made of case hardened carbon steel, are also supplied. We recommend using both mechanical fasteners and an appropriate premium construction adhesive. Review the adhesive manufacturer's installation instructions to determine the required temperature range to develop the maximum adhesive strength.

Existing Structures: Before beginning installation, all moisture, soap, detergents, dust, dirt, grease, oil and other contaminants must be removed from the surface. Loose scale, rust, paint and concrete must also be removed by wire brushing, sanding or sandblasting prior to beginning the installation. The stairway must be inspected for the soundness of the stair nosing and tread. Worn or loose surfaces must be repaired and leveled before installation of EverGlow stair nosings and treads. Smooth surfaces, such as marble, terrazzo, tile or metal should be roughened to insure good adhesion of the construction adhesive.

Tapcon screws can be used in concrete, block and brick. They are furnished in 3/16 x 1 1/4 inch size and are installed by drilling a hole in the installation stair with a 5/32 inch drill bit. The hole should be drilled a minimum of 1/2 inch deeper than the length the fastener will extend into the surface. Our nosings and treads can also be fastened down with other screws and anchors that are appropriate for the installation surface.

The nosing or tread must first be dry fitted to the stair surface and the holes marked for drilling. If using anchors, they must be installed. Premium construction adhesive should be applied to the back of the nose and tread. Then place the nosing or tread onto the stair surface and rock the nosing or tread back and forth to disperse the adhesive uniformly. A weighted roller will also help seat the nosing or tread properly. Finally, fasten the nosing or tread down with the screws. Carefully snug the fasteners to tighten. Do not over tighten fasteners.

Clean excess adhesive from appearance surfaces and allow the adhesive to fully dry and cure before permitting any traffic on the nosings or treads.

New Construction (Poured in Place Stairs): The use of very large aggregate in the concrete mix may make placement of the safety nosing difficult. Stair nosing placement may be difficult in concrete with very low slump. Place concrete into the stair forms or steel pans as quickly as possible; schedule concrete pours so as to install the nosings quickly before initial set of the concrete occurs. Puddle the concrete; tamp the nosing to insure proper concrete formation around the anchors. Close the stairway after installation to allow the concrete to harden and cure; permit no one to walk on the stair nosing for at least 24 hours. Remove the protective tape (if used) as soon as practical. For 2-piece nosings, shipped with wooden inserts, install the appearance surface after all construction traffic has ceased. Nosings shall be installed the full length of the steps (less 1/8 inch clearance), and shall finish flush with the top of the walking surface.