



INSTALLATION GUIDELINES

Mannington Commercial Rubber Stair Nosing (Type TP)

GENERAL INFORMATION

All recommendations are based on the most recent available information. The information in this sheet provides general guidelines. All instructions and recommendations must be followed for satisfactory installation. These installation specifications address the installation of Mannington Commercial Rubber Stair Nosing Type TP.

Good preparation is essential for a trouble-free installation. Do NOT install Mannington Commercial Rubber Stair Nosing until job site testing and subfloor preparations are finished and the work of all other trades is complete. Site conditions must comply with relevant building codes and local, state and national regulations.

ESSENTIAL FIRST STEPS

- Prior to installation inspect for proper style, color and potential defects.
- No claims will be honored if nosing's are installed with visible defects.
- Read all instructions prior to beginning installation.
- Mannington Commercial Rubber Stair Nosing is recommended for use over properly prepared concrete, suspended wood, metal and other suitable substrates.
- Never install Stair Nosing over residual asphalt type (cut back) adhesive.
- Mannington Commercial Rubber Stair Nosing is not suitable for external installation or unheated locations.
- Mannington Commercial Rubber Stair Nosing, job site and subfloor must be acclimated to a stable condition before installation.
- Following installation, foot traffic should be minimized for 24 hours, point loads and rolling traffic for 48 hours and utilize minimal wet cleaning for 5 days.
- Stair Nosing should remain at a temperature between 65°-85°F with ambient humidity between 50-80% for 48-72 hours before, during installation and at least 48-72 hours after installation. Maintain temperature between 55°-90°F for product life. Step surface temperature should be between 65°-72°F during the installation and curing time.



STEP PREPARATION

Careful step preparation is vital for an excellent appearance and good adhesion. The step surface must be smooth, firm, flat, clean, dry, free from defects, and fit for purpose. A suitable smoothing compound should be used to ensure that no irregularities show through to the surface of the nosing. Repair worn or uneven edges. Sand painted stair pan noses down to the metal for best adhesion. In all cases, the steps must meet the moisture and pH requirements before installation. Wooden steps must be firmly nailed and sanded flat.

Before proceeding with installation on any subfloor, please make sure:

- Levelness and finish meet or exceeds American Concrete Institute standards, ACI 301.
- Curing compounds are mechanically removed. Many concrete curing agents can prevent adhesives or sealers from forming a proper bond, especially those with silicate compounds.
- Chemical agents are avoided for removal of curing compounds or old adhesives.
- Portland cement-based compounds are always used when patching cracks and holes, and when leveling is required.

Dry Fitting

- Mannington Rubber nosings come in 144" (3.6m) lengths. Edges of both ends of the nosing have rough salvage edges from the factory. Each nosing must be cut on both ends and fit against the stringers to assure a proper fit.
- DO NOT pre-cut a quantity of nosing with the assumption that all step dimension is the same. Each step is slightly different, and each nosing must be custom fit on the job.
- Allow a 1/16" (1.6mm) on each side to allow for slight expansion of the nosing against the stringer. Too tight a fit may result in the front edge of the nose becoming wavy and buckling over time.

Adhesive

Mannington Commercial MR-721 adhesive: two-part epoxy solvent-free epoxy adhesive designed for use with rubber and vinyl floor covering materials. It cures to a tough, flexible film with adhesion to a wide range of substrates. For porous or non-porous substrates MR-721 should be applied with 1/16" wide x 1/16" deep x 1/16" spaced trowel. Spread rates approximately 100 sq. ft. per gallon.

INSTALLATION

- Rough up the back of both parts and "legs" of the nosing. Use coarse sandpaper, a scraper or other method to roughen the back well.
- Mix part A and part B of MR-721 two-part epoxy adhesive with an electric powered drill and mixing paddle. Mix for about 4 to 5 minutes.
- Apply the mixed adhesive to the back of the nosing thoroughly coating it with a moderately thin layer.
- Put the nosing in place and use a hand roller to assure the adhesive's proper transfer to the concrete step. Roll thoroughly.
- Wipe up any adhesive that has oozed out from underneath the nosing with hot water or mineral spirits. Clean up the adhesive while it is still wet because after it is cured, it is almost impossible to remove.

- Stay off the nosing until it cures. This can take from 8 to 12 hours depending on the temperature of the stairwell. The warmer it is, the faster it will cure. The adhesive has little if any initial grab and will remove easily if the adhesive is not cured. Bracing, taping or sand bagging the nosing may be required while the adhesive cures.
- After the adhesive has cured thoroughly, install the landing tile.

NOTE: Top Step or Landing

Mannington does not recommend the installation of stair tread on the top step (that is the landing). Pattern registration between the tile and tread is difficult. Thickness differences between the tile and tread also make the installation difficult. We recommend using Mannington Rubber Stair Nosing for the top step and covering the rest of the landing with Mannington Commercial rubber floor tile.