

Tools Required for Installation

Common Tools



Tape Measure



Broom / Vacuum



Stair Measuring Tool



Straight Edge



Painter's Tape



Adhesive / Caulk Gun



MAPEI Eco 907
Tread-Lock Adhesive



Resilient / Vinyl
Filler Putty



Denatured Alcohol



400 Grit Sandpaper



Chisel



Hammer



Finish Nailer



Miter Saw



Circular Saw

QUESTIONS? PLEASE CALL OUR TECHNICAL SERVICES DEPARTMENT AT 888-387-9881 FOR HARD SURFACE CONCERNS

Before You Begin

1. Pre-existing spindles will need to be removed and reinstalled once the steps have been installed and the glue allowed to cure.
2. Treads can be used on boxed steps. Any steps that are thicker than 1 inch and have an overhang of more than 1/4 inch must have the overhang removed so that it is squared off, making it a “boxed step.” You can do this by cutting with a circular saw along the front edge and using the hammer and chisel on the edges against the wall.
3. Steps should be flat, clean, without squeaks (*screws/drill can achieve this*), and structurally sound.
 - Remove all carpet staples, debris, loose paint, wax, and old adhesives.
 - Sink any nail/screw heads that appear higher than the flat surface.
 - Repair loose or squeaky steps.
 - Sweep or vacuum steps.

Measuring Risers and Treads

1. Starting with the first structural riser at the bottom of the staircase, measure the width from side to side and the height from the floor to the top of the first step (*with a step measuring tool*). Mark a riser and cut to the width and height.
2. Now measure the width and depth of the first step — side to side and front to back — then mark the tread. Measure each individually, as they are sometimes inconsistent.
3. For closed stairs with walls on both sides, use a miter saw to cut both sides of the tread according to the width of the step. For an open stair, cut the tread to the measured width, so that the pre-mitered side of the new tread fits flush with the structural stair on the open end. This will allow for the installation of the included stair return. Cut the new tread to the measured depth.

Installation Overview

1. Treads should be installed from the bottom of the staircase to the top.
2. After installing the first riser, alternate tread and riser.
3. Use a coordinating stair nose at the top step/landing.
4. Fill any holes with matching resilient / vinyl filler putty and clean.
5. Once the steps are complete and secured, you can now go back and drill and attach spindles.



Riser and Tread Installation

Installer Note: The tread should be installed from the bottom of the staircase to the top. Begin with the bottom riser. After installing the first riser, alternate tread and riser until the staircase is complete.

1. To ensure strong adhesion, lightly sand the back of the risers and new treads with 400-grit sandpaper and wipe the surface with denatured alcohol on a clean cloth.
2. On the back of the riser, apply a 1/4-inch bead of MAPEI Eco 907 Tread-Lock Adhesive around the perimeter as well as a serpentine bead through the middle. Fit riser into place and reinforce with brad nails at the top if necessary, close enough to the top edge so that the following stair tread will cover the nail holes.
3. Now apply a 1/4-inch bead of adhesive around the perimeter of the tread as well as a serpentine bead down the middle and fit into place.
4. Repeat this process, installing a riser then a tread until you reach the top of the staircase. To finish the staircase, install a coordinating stair nose where the last riser meets the floor above.

IMPORTANT! TO KEEP TREADS IN PLACE WHILE INSTALLING FROM BOTTOM TO TOP, YOU CAN ALSO SECURE EACH TREAD WITH THREE TO FOUR BRAD NAILS ACROSS THE BACKSIDE OF THE TREAD BUT NOT MORE THAN 1/4 INCH FROM THE CURRENT RISER. YOU WANT THE TREAD'S RISER TO COVER ANY BRAD NAILS INSTALLED.



Return Installation

Open steps will also require returns. Measure and cut the back of the return at a 45-degree angle. Attach it to the stair using glue at the joint. Also apply 1-3/4-inch-long nails with an 18-gauge brad nailer. Use vinyl filler putty to conceal any nail holes.

To finish the raw edge of the risers, add end caps or small trim pieces. Once everything is in place and the glue has time to cure, you can reattach any spindles.

For Stair Treads With Balusters

Installations with balusters require notching work to the treads (see Figures 1–3). *Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.*

To simplify the installation, we recommend removing the balusters and newels from the stairway. If you are able to remove the balusters, you can simply place them back and drill through the baluster and tread like normal to reinstall. If you cannot remove them, the following procedure will help you work around them.

1. You will need to cut and fit the stair treads around the balusters and newels.
2. Dry fit the main section and trim to adjust as necessary. Refer to Figure 1.
3. Generously apply continuous beads of adhesive to the backsides and inside the nose cap of both sections as shown. Refer to Figure 2.
4. Install the sections and secure them tightly together using several pieces of painter's tape along the seams. Also, apply pieces of tape, as shown, to hold the stair tread in place while the adhesive sets. Refer to Figure 3.
5. Repeat the above process one step at a time until all of the steps have been fully completed. Avoid all foot traffic on the stairway and apply pieces of tape, as shown, to hold the stair tread in place for the recommended time listed on the adhesive.

Figure 1

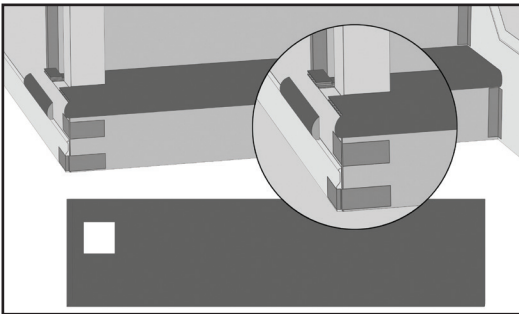


Figure 2

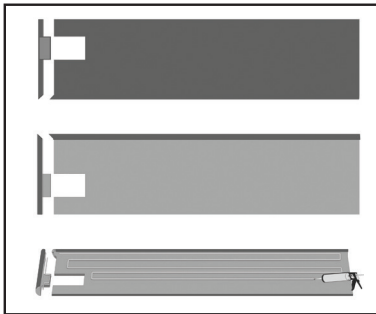


Figure 3

