



STAIR INSTALLATION

PROCORE® PLUS STAIR INSTALLATION

General Information: PROCORE PLUS stair installations are more involved than flooring installations and should be performed by a professional or an experienced DIY installer. Reference the PROCORE PLUS installation instructions for storage, handling and care of PROCORE materials. Stair installations must be in normal foot traffic areas on internal, residential stairs **only** and must be installed in accordance with these instructions. Each step must be flat (within 1/16-in.). Ensure floor covering in adjacent hallways and landing are installed prior to stairs and consider lining up stair installations with landings and hallways for color and pattern consistency.

Required Sundries (available at Lowe's): Sufficient PROCORE PRO adhesive (for flooring), a 1/16-in. x 1/32-in. x 1/32-in. U-notched trowel (FFA), sufficient 5/8-in. #6 screws (1 per 6-in. across the nose), sufficient premium polyurethane caulk-based construction adhesive (for nosing), clear liquid super glue, at least 1-roll of releasable/painters tape per flight of stairs, 70% isopropyl alcohol and a clean cloth.

Note: check all adhesive and glue packaging for coverage rates and be sure to purchase enough material based on the dimensions of the stairs.

Additional Tool List: Miter saw or equivalent, 3/32-in. drill bit and suitable drill, impact driver or screwdriver, utility knife with blades, medium grit sanding sponge or sandpaper, extendable handle wall roller (about 9-in. wide), heavy duty caulking gun (ensure caulk gun is the appropriate size for the adhesive tube).

Layout: The stair nose must be installed side-to-side (east-to-west), but the flooring for the treads and risers can be installed in either direction (east-to-west or north-to-south). Small cuts/pieces of flooring must be avoided, so measure each step and riser and plan each cut accordingly. Flooring colors and patterns won't match the stair nose perfectly, especially if there is a lot of variation in the color or pattern – be sure to preselect planks or tiles that are color-coordinated with the stair nosing prior to applying adhesive and installing the treads and risers.

Adhesive Application: Starting at the top of the stairs, carefully and evenly apply the PROCORE PRO adhesive to the first six steps (both the risers and treads) using the required trowel. Do not apply any adhesive to the rounded bull nose area – remove any excess adhesive from this area while the adhesive is still wet. Allow 15-30 minutes of open time for the adhesive, depending on conditions. The adhesive should be dry to the touch - do not install treads or risers into wet adhesive.

Stair Tread Installation: Starting at the bottom of the six steps that have adhesive applied, measure, mark and cut the flooring to fit the surface of each tread. If the edge with the extended locking mechanism is facing the front of the step, trim the locking mechanism off. Pre-drill 3/32-in. holes in the flooring, starting ~1 in. from the edge of the step and proceeding in ~6-in. intervals, staying ~2-in. away from the stringers / walls on either side. Following the "Cutting", "Installation" and "Side Joint / End Joint" sections of the PROCORE PLUS Installation Instructions, install the flooring and press it firmly into place. Use 5/8-in. #6 screws to anchor the planks or tiles to the steps through the pre-drilled holes – do not over-compress flooring. Once complete, move on to the riser portion.

Riser Installation: Measure, mark and cut the flooring to fit the surface of each riser. Carefully remove the locking mechanism from the bottom edge of the flooring using a sharp knife. Install the flooring on the riser and press firmly into place. Firmly roll both the tread and riser, using the wall roller and body weight to ensure the adhesive makes full contact with the step/riser and flooring. Once complete, move to the next step and repeat "Stair Tread" and "Riser" Installation.

Once all of the steps that have adhesive applied have been covered, repeat this process, starting with "Adhesive Application", for the next six steps until all steps are complete.

Stair Nose Preparation: Starting with the top step, measure, mark and cut each stair nose using a miter saw or equivalent. Ensure each stair nose fits snugly to each step and number each stair nosing. Starting with the top step (#1 stair nose), place the stair nose over the step where it will be installed and ensure it fits correctly. Use a pencil to mark where the nosing overlaps both the tread and the riser and ensure the marks are visible.

Lightly sand the underside of each stair nose and the surface of the tread and riser that will be covered with the stair nose, stopping at the pencil marks. Failure to sand both surfaces could result in adhesion issues. If necessary, sand the bull nose area to remove all adhesive and adhesive residue. Clean the sanded areas using a clean cloth and a small amount of 70% Isopropyl alcohol and allow all surfaces to visually dry before proceeding.

Stair Nose Installation: Generously apply a 1/2-in. bead of construction adhesive to the underside of the rounded part of the stair nose, specifically where the step nose will meet the rounded part of the stair nose. If the step nose is square, then more adhesive will be needed to fill the void. Leave the stair nose with the underside facing up until ready to install, following the construction adhesive open and/or working times.

Place releasable tape on the top/north side of the pencil mark on the tread to protect the tread from adhesive. Apply two 1/8-in. beads of liquid super glue ~1/2-in. apart onto the sanded part of the tread. Carefully place the stair nose into the super glue, then immediately slide the stair nose into position so that it is tight to the step. Apply firm pressure to the nosing to ensure that the construction adhesive makes full contact with both the nosing and the step and hold in place until the super glue sets (~30 sec.).

Apply three ~8-in. long strips of releasable tape (one on each side and one in the middle) to the nosing and tread to hold the stair nosing in place while the construction adhesive cures.

Clean-Up & Finish: Immediately remove any excess adhesive using a clean cloth and a small amount of 70% Isopropyl Alcohol and allow to dry. Do not allow any foot traffic on the nosing's for > 1-hour, in order to allow the adhesive to cure.