

Stair & Vertical Facing Installation Guide

**JOBSITE
SUPPLY**

CONSTRUCTION IDEAS AT WORK

1. **Formwork** – Keep in mind access, stripping, and appearance when building the formwork for a set of stamped concrete stairs. Make sure to leave enough access between braces, and cut the bottom of the riser form on a 45 degree angle. This will allow enough room to stamp the surface. Set the bottom of the riser form above the step surface to allow room for easy stripping. Take a little extra time to cantilever the stair face to help achieve a nicer final appearance.
2. **Strip Forms** – Carefully remove the formwork as soon as possible without damaging the stamped concrete or the stair nosing.
3. **Clean Surface** – Remove all the loose material and any release agent from the surface with clean water and a stiff brush.
Note: Release agent is a bond breaker.
4. **Apply Bonding Agent** – Evenly brush **JS Strongbond** on to the surface.
5. **Mix Color Hardener** – Mix together approximately 15 – 20lbs of Color Hardener with a 50-50 mix of **JS Strongbond** and clean cold water to a pancake batter like consistency. Let the material stand for 3-5 minutes and remix using more water if needed.
6. **Apply Color Hardener** – Using a small trowel or mason brush, apply approximately 1/4” of Color Hardener to the riser, making sure to rub the top edge smooth.
7. **Apply Release** – Toss a thin coat of Release Agent on the surface making sure not to get any on the areas that has not yet received Color Hardener.
8. **Stamp** – Once the surface is firm enough to stamp, texture it with the proper texture skin, rotating the skin ninety degrees after each impression to avoid a repeating texture pattern.
9. **S-Tool** – Continue any grout lines down the face of the riser with an s-tool trying to achieve the same depth as the horizontal surface, in order to give the appearance of hand laid slate or brick etc... The best result is usually achieved by using a seamless texture skin or by using the **Stegmeier Step Liner Forms**.
10. **Seal** – Allow the steps to dry before sealing with **JS Crystal Clear Cure & Seal**. This usually takes place the next day.

Stegmeier Step Liner Forms are great for providing profiles such as a bull-nose to your steps. These forms are easy to use and they give your steps an attractive appearance that goes well with stamped concrete. You simply attach the styrofoam forms to your step form boards with foam spray adhesive. You have to adjust your form boards to accommodate the thickness of the styrofoam. Strip your forms early enough to profile or “slick” the face with the appropriate edge profiling tool and **Fritz Pak Control Finish**.