

Fusion Pro® Single Component® Grout Installation Guide



Apply Grout Release or Pre-Seal Tile

CUSTOM recommends using a grout release or pre-sealing the tile. This will significantly ease clean-up and help eliminate grout haze.



1 Moisten Tile

(Skip this step if a water soluble grout release, such as AquaMix® Grout Release was applied to the tile. Perform this step if the tile was pre sealed.)

Moisten the tile with a lightly damp sponge. Do not allow any water to puddle on the surface of the tile or in the grout joints.



2 Spread Grout

Working in small areas, no greater than 20 sq. ft, spread grout and fill joints for 3-4 minutes only.

Start off with a smaller area the first time you use Fusion Pro, or if conditions are hot or dry.

Do not allow Fusion Pro to dry or skin over. Begin the clean up steps immediately.



3 Remove Excess Grout

Using the edge of the float, drag diagonally across the tile to remove the majority of excess grout.



4 Lightly Dampen Surface

Using a lightly damp grout sponge, dampen the entire 20 sq. ft. of tile where grout was just applied.



5 Loosen Grout Adhered to Tile

Use a lightly damp grout sponge held flat against the tile. Working the entire 20 sq. ft. area, use a circular motion and moderate pressure to loosen any grout that is still adhered to the tile surface. Limit the number of times you rinse out the sponge at this stage. The residue on the sponge will help break up and soften residue on the surface of the tile.

Do not overscrub as it may pull grout out of the joints. Grout joints must remain full.



6 Shape Joints and Wipe off Grout

Once grout on tiled surfaces has been loosened, thoroughly rinse and wring out the sponge.

Wipe the sponge once across the grouted tile diagonally to clean the face of the tile and create smooth consistent grout joints.

Flip the sponge over and continue cleaning the next area.

Rinse, wring and repeat until you have dragged a clean sponge face across the entire 20 sq. ft. area of freshly grouted tile.



7 Final Clean-Up

Drag a moderately damp microfiber towel diagonally across the surface for final clean up.

Flip the towel to the other side and continue to clean the entire 20 sq. ft., rinsing as needed.

WEAR IMPERVIOUS GLOVES, SUCH AS NITRILE, AND EYE PROTECTION.

Important Notes

Because Fusion Pro® Single Component® Grout cures by evaporation, installing Fusion Pro is different than other types of grout.

- The work area requires adequate ventilation.
- Do not cover the grouted surface during the drying period.
- The mortar for setting tile must be fully cured.
- The substrate cannot have a high moisture vapor emission rate.†
- Tile and grout joints must be clean and dry.
- Do not add water to the grout.
- Do not mix the grout.
- Do not use Fusion Pro with irregularly shaped or spaced tile or stone, such as pebble style mosaic tile, where joint width or depth exceeds 1/2" in any direction.
- Due to the varied tile finishes in the market today, always perform a test with Fusion Pro on a sample of tile in ambient conditions similar to those you will be grouting in before beginning the project.
- CUSTOM recommends using a grout release or sealer prior to all grout installations for ease of clean-up and grout haze prevention.

†The moisture vapor transmissions rate from the substrate should not be in excess of 5 lbs. of water/day/1000 sq. ft., based on a standard ASTM F-1869 Calcium chloride test, or 80% rh, based on ASTM F-2170.



TIP Use Clean Water

Use only clean, fresh water to prevent grout haze.

Rinse and refill the bucket frequently – every 30-40 sq. ft.



TIP Removing Residue

If Fusion Pro remains on the surface, lightly moisten these areas and wait 2-4 minutes.

Then, gently clean the tile using a sponge or a white nylon scrubber.

If streaks or residue remain after 2 hours, use diluted Aqua Mix® Grout Haze Clean-Up or TileLab® Grout & Tile Cleaner and clean with a sponge or scrub pad.

For any dried residue that is noticed in the days following the installation, use diluted Aqua Mix® Heavy-Duty Tile & Grout Cleaner or TileLab® Heavy Duty Stripper & Cleaner with a sponge or scrub pad.

Tools Needed

- Medium to hard rubber grout float
- Grout sponges
- Microfiber towels
- Nylon scrubber
- Clean bucket
- Clean water

If you are installing a shower, see "Fusion Pro Shower Installation Tips" for additional information.

Instructional videos and other resources, such as the Technical Data Sheet, are available at www.custombuildingproducts.com/fpinstallation. For additional questions or help, or call CUSTOM Technical Services at 800-282-8786.

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