

Glass Tile Installation Instructions

Bedrock Blazestone Tiles are hand made of 100% recycled glass. Each tile is unique. There are slight differences in shape and variations in the surface. These features are part of the beauty and special character of Blazestone Tile.

The glass tile installation instructions below are similar but not the same as for ceramic tile; there are several differences to accommodate the unique qualities of glass tile.

PLEASE NOTE: Following these instructions is mandatory to validate our product guarantee.

1. Substrate

Use 1/4-1/2" Wonderboard adhered to 1/2" plywood for walls and 1/2" Wonderboard adhered to 3/4" plywood for floors or counters. The Wonderboard should be well supported and absolutely rigid. Weight is a factor in glass tile installations; each 4"x4" tile adds 1/2 lb to the wall surface. To hold the weight, studs should be no more than 12" to 16" apart.

2. Mixing

Use thin-set with acrylic add-mix (a flexible elastic thin-set). To validate the product guarantee, use Custom Brand Premium Plus, Custom Flex Bond or Hydroment Tilemate. The appropriate add-mix is Custom acrylic additive. Do not use "super-bonding" thin-set.

3. Setting

- Suggested tile spacing is 1/16" to 1/8" apart.
- Use a 1/4" to 3/8" notched trowel to apply thin-set to surface. The thin-set should be evenly applied and about 3/8" thick.
- Use white thin-set for clear tile.
- Back-butter any clear or translucent tile with a thin coating of thin set to hide trowel lines and eliminate air pockets in thin-set.

Completely coat back-side of tile with white thinset A well back-buttered mineral water tile



- Allow thinset to cure for 4-5 days or until completely dry before grouting. This is extremely important when preparing a surface for glass tile.
- If the tiles will be exposed to direct sunlight while thin-set is curing, cover them. If you don't, the glass expands faster than the thin-set and the tile could crack.
- Never aim a work-area heater at the tile. If using a heater in the work area, warm the general area, not just the tile surface.

4. Grouting

- Use sanded grout with acrylic additive. It is best to use a grout that is compatible with the thinset, such as Custom Brand Polyblend Grout. Allow the grout to dry for at least 36 hours before applying sealer.
- Use a soft float to apply grout, lightly sponging off excess.
- Seal the grout according to the sealant manufacturer's instructions.

5. Cutting

If you need to cut tiles, use a wet saw. Cut slowly for best results.