BODESI
GLASS TILE STUDIO

Use, care and maintenance









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Before you Start

Please read and understand these instructions before beginning any work.

These instructions are a general guideline for installing Bodesi Glass Tiles.

The single most important factors to a good tile job are knowledge and patience. The best tile installations take time and require attention to detail. Technical knowledge of the materials used is very important. Each respective manufacturer will include detailed information regarding their product. Make sure you are familiar with the use and care of each.

Dry areas such as backsplashes or feature walls tend to me more straight forward in their preparation. Wet areas such as showers take more consideration, but there is plenty of help available. Kitchens, Backsplashes and dry areas are a little bit easier, simply because there is no water involved. If you are installing in wet areas such as showers and bathtubs, make sure the structure and substrate are properly installed.

If you are a professional contractor, a hired installer, architect, developer or if you are installing in a commercial areas – we strongly recommend reviewing and following the installation guidelines set out by The Tile Counsel of North America, (https://www.tcnatile.com/) as well as appropriate ANSI standards for installation.

Inspect your product

Make sure your product is the correct quantity and product ordered. Check and ensure your tile has arrived safely and without damage. Open the boxes and inspect each box. We pack our boxes very carefully and damage is extremely rare. If there is any damage please contact us directly to remedy the situation before starting your project. Damage claims must be made withing 7 days of receiving your product. Damage claims made after your installation has begun will be voided.
For the fastest service regarding damage claims please email us directly at Service@Bodesi.com

Required Tools and Materials

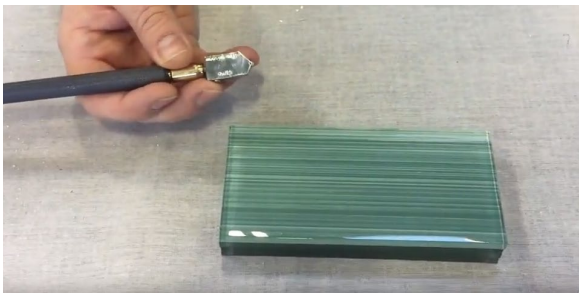
3/16” V notch trowel
Grout float
Bucket + water
Glass Cutting tools
Sponge
Cheese cloth (for cleaning)
Caulking gun and waterproof caulking
Measuring tape
Modified polymer thinset mortar and non sanded grout



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Cutting Glass Tile



Cutting glass tile is not difficult. But a little preparation goes along way. There are two basic way to cut glass tile. One method is with a power saw using a diamond glass blade, the other way is what we call 'score and snap'. Both methods are used and both are acceptable. You should be aware of where to use which one in order to assist in a smooth installation and clean cuts.

Score and Snap

For straight line cuts, this is the preferred method. It's clean, its accurate and its easy to learn. In order to accomplish this cut you need a glass scoring tool and a pair of 'running pliers' Both tools are inexpensive and are available at your local tile or glass shop. Checkout the following video to give you some pointers

SCORE AND SNAP VIDEO

Wet saw Cutting

This cutting is the preferred method for inside corners, or more difficult cuts. Trimming a tile, or minor adjustments. It requires a power saw and the appropriate blade for cutting glass. Do not attempt to use a saw blade that is designed for cutting ceramics or porcelain. It will cut the glass, but will leave a very poor finish with cracked edges. Make sure to use a lot of water and go slow. Also please ensure to wear the appropriate protective safety gear including respirator and safety glasses

Hole Cutting

Cutting holes in glass is often over looked as a crack preventative measure. Holes and inside corners often where the glass tile can fail. With a few tricks you can achieve certain success and avoid some pitfalls.

Cutting holes in glass is similar to using a circular wet saw as described above. However, instead of cutting straight lines, you are new cutting circles – but the same principles apply. Make sure you are using the correct hole saw for glass, and make sure you are using the correct speed, or RPM of the cutting tool. If you have not done this before it is advisable to try a few test cuts on some scrap pieces.

WARNING: Dry Cutting and grinding of Glass Tile can lead to Silica dust exposure. Please make sure to wear appropriate respiritory safety devices that meet NIOSH N95 safety standards. Airborne Silica dust is known to the State of California to cause cancer and birth defects or other reproductive harm. To reduce exposure to airborne silica dust, use a wet saw and proper respirator.

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Substrate

Substrate refers to the material that the tile is actually adhered to. For most common application such as backsplashes this would be drywall. Other applications such as showers or commercial applications may have concrete or cement backer boards etc. Each substrate should be clean, dry and cured before installation begins.

There are 3 types of acceptable substrates for Bodesi Glass Tile products:

Concrete – Cured a minimum of 30 days, Surface must be flat and smooth and may require surface repair
Cement Backer Board (CBU) – Hardibacker, Durrock, Fiberock,, PermaBase, Wonderboard.
Drywall – Dry locations are suitable for backsplashes or other small dry areas. Make sure it is dry, flat and clean.

In any case of substrate the installer should be well versed with e the substrate preparation and requirements as set out by the TCNA (Tile Council of North America

Thinset and Adhesive

The adhesive used to install Bodesi glass tile is critical to a successful installation. Ordinary thinsets that are suitable for ceramic or porcelain may not be used for glass tile installation. For glass tile it is required to use a modified thinset. This means that there is a polymer or other additive that has been added to the formula in order for the maintain somewhat pliable or elastic characteristics of the adhesive. This prevents cracking and ensures a positive installation.

Because glass may have translucent properties, we advise to use high quality adhesives. Adhesives can vary in whiteness and color consistency. The following adhesives have the correct properties for installation of our glass tile in interior/ exterior and dry and/or intermittently wet ares such us showers and bathtub surrounds and even saunas and spas. For underwater and pool applications please contact us or refer to your pool specialist for advice. For large projects that require multiple bags, a product with batch controlled for bag to bag consistency should be chosen.

Suitable Thinsets

The following thins set mortars are suitable for most applications.
Please refer to the instructions and specifications on the packaging for details.
Proper procedures must be used to acquire professional results.

CUSTOM BUILDING PRODUCTS: Glass Tile Premium Thin-Set
MAPEI: Adesilex P10 Bright White Thin-Set Mortar mixed with Keraply Mortar Additive
ARDEX: X77 Tile & Stone Mortar
BOSTIK: Glass-Mate mixed with 425 Admixture
LATICRETE: Glass Tile Adhesive
TEC SPECIALTY PRODUCTS: Super Flex Thin-Set Mortar * Bright White † Color controlled bag-to-bag consistency.

Organic adhesives such as mastic are not recommended as they are water based and may fail in certain applications.
Contact installation support for recommendations at 1 888 658 2488

Crack Isolation Membrane

Just as it sounds, crack isolation membranes create protective layer between tile and the substrate they are installed on. These are usually used on larger installations and or in wet areas such us showers or spa's. Some substrates can shift, warp, and deflect with heat or with age, it is advisable to use a crack isolation membrane to prevent cracking of the glass tile. There are various products available, please make sure to consult the membrane manufacturer for specific applications limitations and installation uses.

CUSTOM BUILDING PRODUCTS: RedGard
MAPEI: Mapelastic AquaDefense
LATICRETE: Hydro Ban
BOSTIK: GoldPlus
TEC SPECIALTY PRODUCTS: HydraFlex
ARDEX: 8+9

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Movement Joints

Movement joints are gaps in the installation that are necessary to allow the walls and substrate to move and shift. Usually these voids or gaps between the tiles are filled with a soft pliable material such as silicone. Often they are used where there is 'a change of plane', which really means when a wall meets another wall such as a corner, or where countertop meets the back splash. An Architect, designer or professional installer should be consulted in regards to size and amount of movement joint s required.

For best results it is important to adhere to the guidelines set out by the TCNA (Tile Council of North America) regarding Movement Joints EJ171 in the current edition of the "TCNA Handbook for Ceramic, Glass and Stone Tile Installation"

Care and Maintenance

One of the best things about Glass Tile is it is easy to care for. Because it is made from window glass, we use the same care and the same cleaning products. A light spray of your favorite glass cleaner to bring it to a like new appearance should do the trick. A soft soap solution for those tougher stains is all it take. Abrasive cleaning products should be a voided.

There is no need to seal the Glass Tile, however the grout may need to be sealed after installation. Check with the grout manufacturer for specific details on sealing and cleaning the grout.

Disclaimer

These are general guideline only. Each installation is unique and it is the responsibility of the installer to use the correct techniques, methods and materials to ensure a successful installation.

Installation materials, conditions and techniques have a significant impact on the performance of glass tile. Therefore, installations are not warranted by Bodesi Glass Tile in any way. Any defect in Bodesi product or workmanship must be brought to attention before installation begins. No allowance will be made for labor, cost of replacement, or for any other charges after the materials have been installed. The buyer is responsible for the inspection and acceptance of our materials prior to installation. If any defects are noted, at the sole discretion of Bodesi Glass Tile, the defects will be replaced or refunded on a pro-rated basis on the amount of the total order.

For best results it is important to adhere to the guidelines set out by the TCNA (Tile Council of North America) regarding materials and installation techniques the current edition of the "TCNA Handbook for Ceramic, Glass and Stone Tile Installation".

