



# Cutting/Drilling

## CUTTING

Oceanside Glasstile can be cut to meet jobsite dimensions with the use of a high-quality wet tile saw equipped with a continuous, smooth-rim, diamond glass tile blade such as:

- Alpha Professional Tools - Vetro
- Daltile - Daltool Glass Tile Blade
- Husqvarna - Superlok Glass+
- MK Diamond - MK 215GL or MK 215GL-XL
- Rodia - Glass Tile Blade
- Saw Master – Cheetah Series Glass Blade (Fine)
- World Diamond Source – Glass Tile Blade

### NOTES:

- *To maintain cut quality, periodically dress the diamond blade with a dressing stone.*
- *To smooth cut tile edges, use a #120 lapidary stone (tile rub stone), PVA polishing pads or 220 silicon carbide sandpaper.*
- *Always use safety/personal protection equipment when cutting or drilling glass tile.*

## WET CUTTING PAPER-FACED MOSAICS

To facilitate wet cutting, paper-faced mosaics must be removed from the paper and cut individually or the mounting paper must be protected from saw overspray. The following photos document a process, which can be used to facilitate wet cutting while minimizing water contact with the mounting paper.



**Step 1** Cover the saw tray with a piece of 1/4" cement board. This will provide a continuous surface that supports the sheet during cutting and prevents mosaic pieces from falling into the tray's cutting channel.



**Step 2** Adjust the blade height so the blade cuts through 1/2 of the cement board thickness.



**Step 3** Cut another piece of 1/4" cement board to a square size that is larger than a sheet of mosaics. Apply a strip of self-adhesive, compressible, foam weather-strip to one edge of the cement board.



**Step 4** With the saw turned off, place the mosaic sheet, paper side up, on the cement board covered saw and align the cut.



**Step 5** Place the second piece of cement board on top of the mosaic sheet. Cover the portion of sheet that is to be installed (keeper) with the weather-strip side down and against the blade. The board will protect the mounting paper from saw over-spray.



**Step 6** Place downward pressure on the top layer of cement board, turn the saw on and slowly proceed with cutting. The downward pressure should be sufficient to compress the weather-strip, preventing water from flowing under the board, and stabilize the mosaic tiles during cutting.



**Step 7** Once cutting is complete, turn the saw off, carefully remove the top layer of cement board and quickly towel dry the mounting paper.



**Step 8** Towel dry the back of the tile and install the sheet as normal.

### NOTES:

- The above process should keep the mounting paper relatively dry during cutting. However, if a sheet becomes saturated, quickly lay it on a flat surface and allow it to completely dry before handling.
- For best results, towel dry the weather-strip between cuts.
- Replace the weather-strip when it no longer recovers its original shape after compression.

Glass mosaic tiles may also be removed from the sheet and wet cut individually or cut by hand using glass mosaic nippers.



## DRILLING

Oceanside Glasstile can be drilled using a wet core diamond bit and a water swivel (central water feed).

Solid blocking for the anchoring of fixtures, such as shower doors and towel bars, must be installed prior to installing the tile substrate. The diameter of all drilled holes must be large enough to allow the fastener to pass through the tile and substrate without making contact.



**Step 1** Attach the water swivel (central water feed) and wet core diamond bit to the drill. Connect the water swivel to a water source and adjust the water flow to a slow trickle. Constant, slow water flow will reduce chipping by cooling and lubricating the drill bit.



**Step 2** Using a template to stabilize the drill bit, begin slowly drilling with light pressure.



**Step 3** Gradually increase drilling speed and maintain steady pressure until the desired depth is achieved.