

# CUTTING / DRILLING

## CUTTING

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Oceanside Glass & Tile 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
- Husqvarna - Superlok Glass+
- Lackmond - Pro Series Glass Tile Blade
- MK Diamond - MK 215GL or MK 215GL-XL
- Montolit - CPV
- Rockstar Diamond - G Series Blade
- Rodia - Glass Tile Blade
- Saw Master – Cheetah Series Glass Blade (Fine)
- World Diamond Source – Pro Series 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.*

The cutting process detailed below can be used with face-mounted mosaics to fully support the tile, reduce chipping and protect the mounting system from saw overspray. To watch a video of the process, [click here](#).



**STEP 1**  
Cover the saw tray with a piece of cement board. This provides continuous support for the sheet and prevents pieces from falling into the tray's cutting channel.



**STEP 2**  
Adjust the blade height so the blade cuts through half of the cement board thickness.



**STEP 3**  
Cut another piece of cement board that is larger than a sheet of mosaics. Apply a strip of self-adhesive 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 tray and align the cut.



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



**STEP 6**  
Place downward pressure on the top layer of cement board, turn the saw on and cut slowly. The pressure should be sufficient enough to compress the weather-strip and prevent water from flowing under the board.



**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 sheet and install 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 Glass & Tile products can be drilled using a diamond core bit designed for drilling dense materials (e.g. glass or granite). Use sufficient water to keep the bit cool and lubricated during drilling. The diameter of all drilled holes must be large enough to allow a fastener to pass through the tile and substrate without making contact. Solid blocking for the anchoring of fixtures, such as shower doors and towel bars, must be installed prior to installing the tile substrate.



Attach a water swivel (central water feed) and diamond core bit to the drill (or use a spray bottle). Connect the water swivel to a water source and adjust the water flow to a slow trickle. Slow water flow will reduce chipping by cooling and lubricating the drill bit.



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



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