

CUTTING FORTACAST GLASS LENS WITH A WET SAW INSTALLATION GUIDE

CAUTION

- Wear eye protection, hearing protection and a dust mask/respirator when using a wet saw.
- Don't wear loose clothing or items, such as jewelry, that could get caught in the blade. If you have long hair, tie it back.
- The best way to cut glass with a wet saw without chipping it is to cut slowly with a very sharp blade.
- As you learn how to cut glass, you'll figure out how to control your speed as well as learn how to tell when you need a new saw blade.

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Tools

Wet Saw, Straightedge, Tape Measure, Eye Protection, Hearing Protection, Dust Mask

Materials

½" (12mm) Laminate Glass

INSTALLATION

Step 1: Set Up the Saw

- Set up the saw on a stable, level platform, such as a tile saw stand, at a height that'll allow you to work without hunching over or reaching up.
- Work in an area with plenty of space and enough light to give you a clear view of the table or tray, the glass section, and the saw blade.
- If necessary, use drop cloths to protect the work area.

Step 2: Fill With Water

- Fill the saw reservoir with clean water, making sure you don't overfill it. Change the water frequently as you cut.
- Debris in the water can affect the quality of the cut. If the saw uses a pump to circulate the water, changing the water often will extend the pump's life.

Step 3: Adjust the Blade

- Depending on the saw, you may be able to adjust the height of the blade in relation to the table surface or tray.
- If your saw has a movable tray, slide it past the blade. The slot in the tray should fit neatly around the blade.

Step 4: Measure and Mark the Glass Lens

- Use a straightedge to draw the cut lines. You can mark the top of the glass with a china marker.
- The water won't wash the marks away, but you can wipe them off after cutting the glass.
- Mark all glass sections in advance, so you don't have to continually stop cutting to mark the next tile.

Step 5: Make the Cut

- Place the glass section on the table or sliding tray so that the largest portion of the tile is between your hand and the blade.
- Press the glass firmly against the guide fence.
- Adjust the guide so the cut line aligns with the blade.
- Pull the glass back from the blade.

Step 6: Use a Guide

- When you near the end of the cut, use a push stick or push guide to direct the last bit of glass past the blade.
- Turn the saw off and let the blade come to a complete stop before removing or repositioning the glass or removing the cutoff glass pieces.

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