

Large Fiberglass Sink Mold ribbing reinforcement:

Some of the larger sink molds may need a little structural support added to the inside of the mold prior to use. If the sides of a mold flex inwards by pushing on them, then the following steps may be necessary for optimal performance from the mold.

1. This example mold is using our [30" Farm Sink mold](#). Some of our molds have a slightly outward bow to the long sides. This is a design point that we purposely add, as without it, the fiberglass will bow in excessively. Usually the outward bow shape will zero out once concrete is poured on the mold and pushes it in slightly.



2. To ensure the mold doesn't flex inwards too much, take a quick measurement of the inside of the mold. If the mold 'should' flex in slightly to straighten it out, then plan accordingly with the measurement for the cross-support which are step #3.



3. Cut a few pieces of scrap wood to length. Place in the mold. We just cut two for this example, but as many as needed should be used.



4. Silicone boards in place just to make sure they don't move around once you vibrate the concrete.

5. That's it for the structural support. The mold can now be placed into the form and silicone in place. If you cast on a table with extreme vibration, you may need to secure the mold to your form using more than just silicone. One example of this is drilling a small hole in the fiberglass, centered where the drain will go. Using this hole and a very long bolt or lag bolt, you can secure the mold down into your form. For an example of this technique, please [click to watch this video clip](#).



6. We usually remove the boards, after casting, for storage.