

CUSTOM FORMLINERS OPEN A WORLD OF CREATIVE OPPORTUNITY

Most formliner manufacturers have the ability to produce custom made formliners. This broadens the realms even further for building design and provides architects a unique opportunity to be as creative as they desire.

Custom-made formliners, as well as all other formliners, are originally created from a master mould. The moulds can be developed from elements found in nature, crafted by an artisan, or through utilization of CNC milling machinery.

Upon completion of the master mould for the custom formliner, the design professional will either approve the design or suggest modifications. Once approved, the master mould will ultimately be used to cast formliners that a precast manufacturer or concrete contractor will use to produce the architectural concrete element.

Depending upon the agreement between the formliner manufacturer and the project designer or owner, the custom mould may be retired or become the property of the project owner. This may further enhance the true uniqueness of the project, especially if the custom formliner is reserved only for that project's use.

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This series of images shows what a custom master mold looks like before prepping for making a formliner. This master mold will create an exact replica of the rope pattern onto the formliner which will then create the exact image in the precast concrete.



This image shows the precast concrete panel that was made from the custom rope formliner.



These two images show polyurethane formliners being made. Liquid polyurethane is poured onto the master mold.

Next, the formliners are screeded to provide a smooth level back.

After 24 hours, the formliners can be demolded and rolled onto a tube for transportation to the QA/QC area for final inspection prior to shipping to the customer.