



**FRP ELLIPSE COLUMN FORMS AUGMENT GEHRY'S BEEKMAN TOWER:  
MAMOUTH CUSTOM FORMS ACCENTUATE DESIGN'S AESTHETIC VISION.**

Molded Fiber Glass Construction Products (MFG-CP: Independence, KS), produced custom ellipse-shaped FRP (fiber-reinforced polymer) column forms as part of renowned architect Frank Gehry's "Beekman Tower" in Lower Manhattan, NYC. MFG-CP custom-designed four (4) 19-foot elliptical shaped forms to create an imposing presence as part of the 75-story glass & titanium-skinned residential project's interior lobby.



The 2-piece oval columns were made using an FRP gun roving processes with resin, chopped strand matt and 24 oz. woven roving. Additionally, a 1" balsa core and 3/4" plywood ribs were produced to provide reinforcement to sustain concrete pour loading to avoid shape irregularities. Because of the huge size; largest being 11' long x 4.5' wide x 19'tall, removing the forms from the mold required two fork lifts to put the halves together properly.

Ultimately, the huge elliptical forms will span the lobby's 1<sup>st</sup> two floors and provide a beautiful finish; creating an architectural effect that blends in with the sinusoidal-curved ceiling to the finished project—scheduled for completion in mid-2009.

MFG-CP (EST: 1962) is a division of Molded Fiber Glass Companies (EST: 1948) and manufactures a complete range of custom and standard fiberglass-reinforced thermo-set composite column forms. MFG concrete forms can significantly reduce finishing costs and are fully re-usable.

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