



Fiberglass Tower Casings

High Density Fiberglass and Hand-laid type

Fiberglass cooling towers offer the **ultimate corrosion resistance**, for those applications, where steel towers simply do not last. Even stainless steel eventually rusts (it is “stain-less” not rust proof!) **Fiberglass towers have an unconditional 10-year warranty on all fiberglass components.**

MESAN USA offers two types of fiberglass casings:

- HDF or High Density Fiberglass: These panels are produced in a proprietary process using two steel molds, and injecting the resin at very high pressure to deliver a very smooth and uniform surface on both sides of the panels. Smooth surfaces are easier to maintain and inhibit the formation of bacteria and biofilm. Available in the MXL and MCC series
- FRP or hand-laid fiberglass: This is the traditional process of manufacturing fiberglass casings, it offers a very smooth surface on one side but a rougher one on the opposite side. Available in the MXR-KM and MXC series.

Both types of use marine-grade gelcoat for UV resistance and longest service life in any hostile environment. Water pH can vary between 6.0 and 8.5 which for additional flexibility in the water treatment. Steel towers cannot accept low pH water, because it eats up the galvanized coating, while high pH promotes scaling, so the user of a steel tower must choose the “lesser evil” when it comes to water chemistry



Cost savings is another advantage of fiberglass towers, in average for the same capacity, a fiberglass casing tower costs at least 40% less than a galvanized steel tower and about 60% less than a stainless steel one.

Ever wondered why boats are made of fiberglass instead of galvanized or stainless steel?

Fiberglass towers.....built to last!

