



Structural FRP

Fiberglass Shapes for Wood Replacement



Star Cooling Towers pultruded fiberglass structural shapes allow you to replace deteriorated wood columns, beams, and decks on your cooling towers with strong, lightweight, rot-resistant fiberglass.

Standard shapes include: 2" x 4", 2" x 6", 4" x 4", and decking. The pultruded fiberglass reinforced polyester (FRP) designs offer quick, easy installation and many other advantages over traditional wood.

Important features include:

- Corrosion resistant
- Fire retardant
- Nonconductive
- UV-protected
- Easy, quick installation
- Environmentally friendly
- Strong
- Lightweight
- Easy to maintain
- Will not rot or decay
- Consistent
- Weather resistant

OEM Replacement Parts

Star Cooling Towers is a complete cooling tower supply company, offering a wide range of products to the cooling tower industry since 1951. Our large selection of quality OEM (Original Equipment Manufacturer) replacement parts are compatible with most models and manufacturers of cooling towers and they offer a high quality, reliable, low-cost alternative to expensive original equipment parts.

Call today for more details on these innovative components.

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The Better Alternative to Wood

Unlike wood, Star Cooling Towers structural FRP shapes offer superior resistance to a broad range of chemicals. They are virtually unaffected by moisture or immersion in water and do not require chemical preservative treatment. They are inert and easily disposed of in landfills.

The Star structural FRP shapes are stronger, with higher structural design values than traditional wood. And, they are approximately half the total weight of comparable wood sizes.

Star structural FRP shapes are available with a standard resin system of slate gray fire retardant polyester resin meeting the requirements of Class 1 rating of 25 or less per ASTM E-84 and the self-extinguishing requirements of ASTM D-635. The resin is UV inhibited and the composite includes a surface veil on all exposed surfaces for enhanced corrosion and UV protection. Other resins and colors are available upon request.

Compare the advantages of Star Cooling Towers structural FRP shapes to traditional structural wood. You will discover a better, cost-effective choice for your cooling tower refurbishing projects.

***Note:** The mechanical properties of dimensional FRP profiles differ significantly from those of dimensional lumber. It is important to examine the structural profile's required mechanical performance to determine the suitability of dimensional FRP in the intended application. Please consult Star Cooling Towers when designing with dimensional FRP shapes and decking.*



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