

COOLING TOWER SOLUTIONS





The Corrosion-Free Solution for Cooling Tower Applications

Bedford fiberglass-reinforced polymer (FRP) is one of the strongest, most durable building materials available — ideal for harsh, corrosive cooling tower environments. Unlike traditional materials such as wood or concrete, it won't rust, corrode, warp, rot, decay or attract insect damage. It's stronger and more rigid than structural timber yet is lightweight for efficient transportation and installation. Plus, it doesn't require environmentally hazardous preservatives to deliver exceptional durability. With a life expectancy of 30+ years, it's a cost-effective choice for cooling tower applications.

20+ Years of Proven Performance

Bedford has been supplying FRP products to the cooling tower market for more than 20 years. We have extensive experience with cooling tower projects, including counterflow, crossflow and natural draft applications. We've even developed several proprietary glass, pigment and resin systems for the cooling tower industry.

Whether it's new construction from the ground up or direct replacement in existing operations, Bedford covers your FRP needs. In fact, we're one of the few FRP suppliers (if not the only) in the business that offers a total solution including logistics, warehousing and PVC fabrication.



FRP Is Made For Harsh Conditions

- Corrosion Resistant
- Fire Retardant & Non-Conductive
- Strong, Lightweight & Long-Lasting
- Virtually Maintenance-Free
- Dimensionally Stable
- Easy to Fabricate & Install With Standard Tools

PROForms® PRODUCTS

Our pultruded FRP PROForms® products can be cut, drilled and shipped ready to assemble to your specifications for new cooling tower construction. We also offer profiles sized for direct wood replacement. These replacement profiles are manufactured to the exact dimensions of existing materials for reconstruction and refurbishment projects.



MADE IN THE U.S.A

Don't put your tower at risk with unproven imports. Bedford PROForms® products are made in the USA under controlled quality-assurance conditions.



Standard Profiles for New Cooling Tower Construction

Square Tube available in: 2" | 2½" | 3" | 4"

Channel available in: 4" | 6" | 8"

I-Beam available in: 4" | 6"

Deck available in: 12" | 24"

Profiles Sized for Direct Wood Replacement

Square Tube available in: 3½"

Channel available in: 3 ½" x 1 ½" | 5 ½" x 1 ½"

I-Beam available in: 3 ½" x 1 ½" | 5 ½" x 2 ½"

Rectangular Tube available in: 5 ½" x 3 ½"

5 REASONS TO CHOOSE BEDFORD

1

Nationwide Logistics & Warehousing

We have distribution locations across the U.S. to expedite delivery and can stagger shipments to fit your installation schedule.

2

Guaranteed Ship Dates

When you receive a ready-to-ship date from Bedford, it's guaranteed*.

If we miss the promised ship date, we pay significant penalties back to you. We also offer Express Response options with shorter, guaranteed lead times.



3

25-Year Limited PROForms® Warranty

Bedford PROForms® is warranted against manufacturing defects for an industry-leading 25 years.



Custom Profiles for Cooling Towers

Bedford also offers these custom profiles not commonly offered by other FRP suppliers:

- Corner Column
- Center Column
- Double Wall Casing Panel
- Box Beam



Coordinating Components

- Splash Boxes
- Splice Blocks
- FRP Straps
- Header Supports & Saddles

Guarantee

Bedford Reinforced Forms® products are guaranteed free of manufacturing defects for 25 years.*



4

Fabrication & Assembly

Bedford has a state-of-the-art fabrication facility with CNC machines for faster processing. We also offer complete PVC fabrication services. And kitted shipments are available to save installation time on site.

5

Design & Engineering Services

Our full-service team can assist with design and engineering for peripheral systems such as stairs, ladders and walkways.

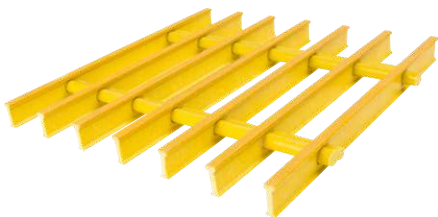
* Terms and conditions apply. Download our complete guarantee and warranty at bedfordreinforced.com or contact us for details. Ship date guarantees available in most areas. Ask Bedford for details.



ADDITIONAL PRODUCTS AVAILABLE

PROGrid® Molded Grating & PROGrate® Pultruded Grating

Perfect for walkways and platforms, our grating offers all the benefits of FRP, along with slip-resistant surfaces for worker safety. Choose from stock panels, or we can fabricate to size to meet your specifications.

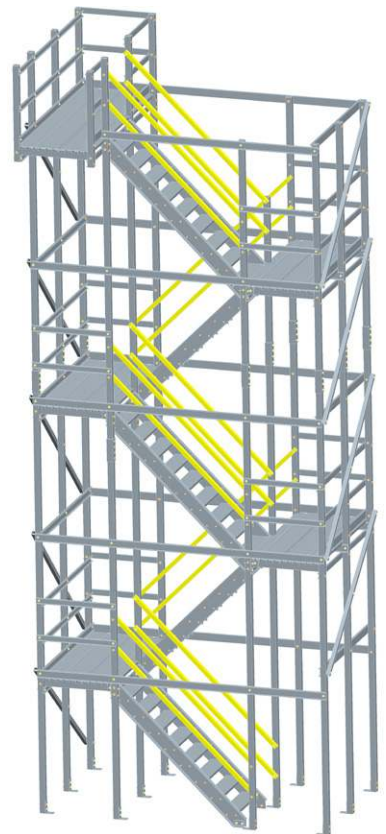


Bedford's I 10-83 PROGrate Pultruded Grating can be used on top of your cooling tower's fill packs to create a strong, stable walking surface.

Access Structures/Assemblies

Bedford offers a pre-engineered stair tower solution, designed specifically for cooling tower applications. Or Bedford can design and fabricate a custom solution using our PROForms®, PROGrid® and PROGrate® products.

- Stairs & Handrails
- Catwalks
- Platforms
- Safety Ladders





BEFORE



AFTER

Need to replace or refurbish structural components? Call Bedford for replacement profiles in the exact dimensions you need. This replacement project is just one example of the many cooling tower projects that have used our PROForms® products to replace traditional wood members.



CTI Member Serving the
Industry for 20+ Years



Request a quote at **bedfordreinforced.com** or call **800-377-3280.**

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