



ELEVATED PEDESTRIAN WALKWAY



EXPLORE OUR FULL LINE OF FRP SOLUTIONS

DEFI Structural Fiberglass offers a wide variety of structural products made of fiberglass-reinforced polymer including PROForms® shapes, PROGrid® molded grating and PROGrate® pultruded grating. Our team of skilled engineering, design and manufacturing professionals is dedicated to helping customers maximize the benefits of FRP.

PRODUCTS

- Structural shapes
- Grating
- Decking
- Stairs and handrails
- Ladders and cages
- Fabricated structures

SERVICES

- Engineering
- Design and drafting
- Fabrication, including CNC machining and assembly
- Secondary coating and painting
- In-house testing

FABRICATION FORTES

- Platforms
- Ladders
- Handrails
- Catwalks
- Gratings
- Custom Fabrication



DEFI STRUCTURAL FIBERGLASS
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FEATURED PROJECT

ELEVATED PEDESTRIAN WALKWAY

DEFI Structural Fiberglass was asked to help a local rest stop with issues involving wet areas, rotting structures, and safety for pedestrians. The client needed a cost effective solution to battle their issues and DEFI delivered.

CHALLENGE

The area in question is prone to standing water for long periods of time due to it being a wetland area. The client had timber and cheap plastic composite decking in place that had rotted and warped which created safety issues for not only pedestrians/visitors to the rest stop as well as people working to maintain the area.

SOLUTION

DEFI came up with a complete FRP solution consisting of an FRP substructure and FRP decking. The substructure consisted of square tube bases, channel frames and a FRP curb to keep pedestrians from entering dangerous areas. The FRP deckboard is impregnated with a grit top to minimize slips when the areas are wet. The FRP that DEFI Structural Fiberglass supplied will last multiple years longer than typical construction materials as well as no maintenance.

APPLICATIONS:

- Pedestrian Walkways
- Infrastructure Upgrade
- Pedestrian Bridges
- Lightweight Construction

PRODUCTS TYPICALLY USED:



Square Tube
Channel
Angle
Deckboard

