



FRP 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

DEFI STRUCTURAL FIBERGLASS
PHONE: 800-949-3665 / 281-440-3665 | WEB: WWW.DEFIFIBERGLASS.COM



FRP WALKWAY

A local steel fabricator asked DEFI to come up with a solution for a fertilizer plant utilizing their current support system to replace 2 elevated conveyor belt maintenance catwalks.

CHALLENGE

The current catwalks had deteriorated and needed to be replaced as they were becoming a safety issue. The owner was looking for a solution that would offer a longer life span. They also had concerns with using steel due to the corrosive environment and weight. Another added challenge was the 20-foot span of the current support systems.

SOLUTION

DEFI came up with a solution for the OSHA-compliant walkways. The framing utilized a FRP 12" x 3" x 1/2" channel and an 8" x 3/8" FRP channel. The decking consisted of FRP pultruded grating, which added strength and stability to the catwalk. The side-mounted 2-rail handrails were constructed with 2' x 1/4" square tubes and a kickplate. The catwalks were partially assembled to add ease to the installation. The completed walkway will last many years longer and provide a safe solution for the plant's maintenance crew.

PRODUCTS TYPICALLY USED:



Angle



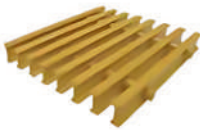
Square Tube



Channels



Kickplate



Pultruded Grating

