

FiberX Tech Composite Pvt Ltd



**FRP WALKWAY
GENERAL TECHNICAL PARAMETERS / DATA SHEET**

Sr. No.	Particular	Specifications
1	Walkway Material	FRP
2	Grating Width	310 / 272 mm (+/-2 mm)
3	Grating Length	3660 mm (+/-2 mm)
4	Grating Height	25 mm (+/-2 mm)
5	M - Clip heights for Trapezoidal Roof	To suit 25 mm Grating Height
6	Mesh size of FRP grating	38 x 38 mm (+/- 0.25 mm)
7	Fasteners for M Clamp	Aluminum Rivet or Nut Bolt Depends upon Site, in Client Scope
8	Rib Thickness	7/5 (+/-0.5 mm)
9	Load Carrying Capacity	250 kg/sq.m
10	Max. Deflection	5-6 mm
11	Recommended Support Span	450 - 500 mm c/c
12	Special coating for UV protection	Yes / As per Requirement
13	Color	Yellow
14	Corrosion Resistance	High
15	Quantity of FRP Gratings	As per PO
16	Material Fasteners	Aluminum in Case of Rivets S.S 304 in Case of Nut Bolts
17	Clamp/Clips - Material	S.S 304
18	Warranty	12 Months from the Date of Invoice.

FRP WALKWAY

Maintenance-Free FRP Rooftop WALKWAY

FiberX manufactures a versatile FRP Rooftop Walkway System, which is specially designed for SAFE & CONTROLLED roof access. This system provides non-slip, safe and all weather access for maintenance of solar panels and frequently accessed areas without un-necessary damage on roofs. Our walkways act as designated routes, which are very crucial to keep people away from fall hazards. Our Fiberglass Reinforced Plastic (FRP) Walkway Grating is manufactured using superior quality raw materials that are tested on various quality parameters. It is made of fiberglass and Isophthalic polyester resin to protect, which has properties of durability, corrosion resistivity and fire retardancy.

1 Features

- Light Weight
- Perfect foot hold grip
- Maintenance Free
- Permanent slip resistance
- UV Resistant
- Corrosion Resistant
- Bidirectional Strength
- Non-sparking and non-conductive
- Rust Resistance
- Very quick to install
- Fire Retardant
- High Load Bearing Capacity

2 Installation

Installation of FRP Grating Walkway is very simple, quick and economical as compared to cumbersome traditional methods. FRP Walkways are mounted directly on roof sheet or elevated above the roof sheet surface. SS 304 & SS 316 Clamping systems are available to fix Walkway Panels.

3 Size

FRP Walkway Panels are available in 272-1340mm widths and up to 3660mm lengths. Depending upon width and load factors, we can Supply FRP Walkways in 25mm, Height. **Custom sizes available on demand.**

Model No.	Height (mm)	Mesh (mm)	Thickness	Walkway Size (mm)
FX-WW-38x38x25-310x3660	25	38 x 38	7-5	310 x 3660
FX-WW-38x38x25-272x3660	25	38 x 38	7-5	272 x 3660
FX-Sheet-38x38x25-1340x3660	25	38 x 38	7-5	1340 x 3660

4 Colour

FRP Walkways are manufactured in Yellow color, as per OSHA standard 1910.145. This color is recommended for the identification of specific physical hazards including falling, tripping and for designating caution.

Comparison

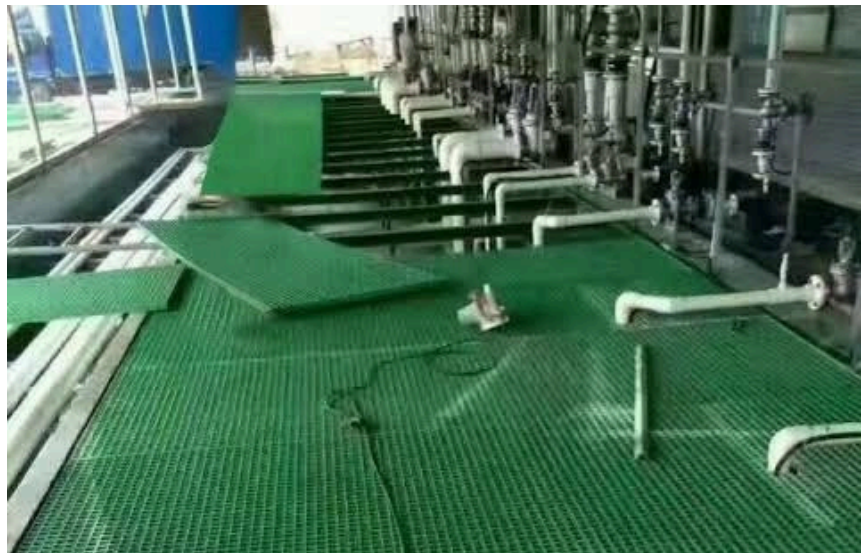
PROPERTIES	FRP WALKWAY	STEEL WALKWAY	ALUMINUM WALKWAY
Corrosion Resistance	Excellent	Low	Medium
Strength to Weight ratio	High	Low	High
Chemical Resistance	Excellent	Low	Moderate
Electrical Conductivity	Low	High	High
Fire Retardancy	High	High	High
Painting Required	No	Yes	Might
Thermal Conductivity	Very Low	High	High
EMI/RFI Transparency	Yes	No	No
Installation	Easy	Easy	Moderate
Life Cycle Cost	Low	Moderate	Moderate

Applications

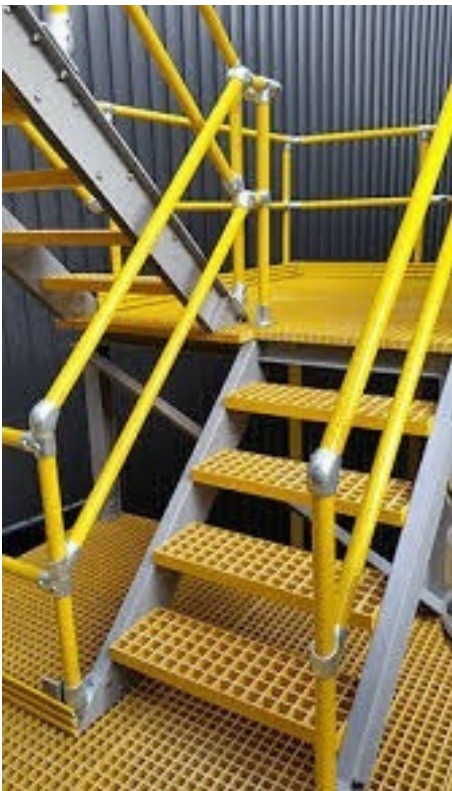
FRP ROOFTOP WALKWAY



FRP WORKING PLATFORM



FRP STAIRCASE



TREE GUARD



FRP PARTITION



FRP CEILING





Head Office

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