



# Data Sheet for GFRP Staircase

SN	Description	Property	Comment
1	Staircase Width	900-1200 mm	-
2	Staircase Channel	Pultruded C Channel 6"- 8"	-
3	Staircase Tread	250 Width x 220 mm Riser	mm
4	GRP Grating Stair Tread	38 x 38 mm / 38 mm Deep	Black Nosing
5	Glass Content	30% ± 10 %	Open heated mould
6	Color	Any pigment RAL No	-
7	UV Effect	UV Resistant	UV Inhibitor
8	Chemical Resistance	for chemicals resistant application and high temperature up to 60 degrees celsius	Isophthalic Polyester Resin
9	Connection Channel to Floor	Bolted Type GRP L Angle Cleat 76 x 76 x 9.5 mm	SS316 Anchor Bolt M10 x 100mm
10	Connection Beam to Channel	Bolted Type GRP L Angle Cleat 76 x 76 x 9.5mm	SS316 Bolt M10 x 80 mm + N + 2W
11	GRP Handrail Height	From GRP Grating Level 900-1000 mm	-
12	Design Load	1.5 KN/m <sup>2</sup>	Tread span < 1200 mm
13	Design Allowable Deflection	Span/300 or 6mm	-
14	Design Standard	BS4592-0 : 2006	-

