



# Data Sheet of GFRP Pultruded Safety Ladder Type IFR-25

SN	Description	Property	Comment
1	Ladder Internal width	400 - 500	mm
2	Ladder Outside width	500 - 600	mm
3	Rung OD (Flatted)	32	mm
4	Rung spacing C/C	250 / 300	mm
5	Glass content	65% ± 10 %	-
6	Distance to wall	250	mm
7	Color	Safety Yellow / Grey	Pigmented resin during process
8	UV Effect	UV resistant	UV inhibitor
9	Chemical Resistance	for Sea Water application and high temperature 60 degrees celsius	Isophthalic resin
10	Fire retardant Resistance	Class 1 as per ASTM E 84 , flame Spread < 25	-
11	Max length	11,800	mm
12	Vertical rail profile	50 x 50	mm
13	Wall bracket L shaper	150 x 250 x 75 , 12 Thk	mm
14	Wall bracket spacing	Min 1500 - Max 1800	mm



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SN	Description	Property	Comment
15	Safety cage required	H > 2,100	mm
16	Walkthrough to landing platform	W 600 x H 1100	mm
17	Design Standard	ASCE/SEI 7-16	-
18	Design Load	1.33 K	KN
19	Design Life	30 Years	-

