

TECHNICAL SPECIFICATIONS FOR THE GRP MOULDED GRATINGS				
1	Type of Grating	SATYAM MAKE FRP GRATING		
2	Material of Grating	Ultraviolet resistant FRP		
3	Manufacturing Process	Molding Process		
4	Glass content	30 to 35%		
5	Resin to be used	Ultra violet Stabilized Polyester Isopthalic Resin		
6	Gating Size (Outer)	As per Customer's requirement		
	Height	25mm 30mm 38mm 50mm		
7	Mesh Size	1. Square Mesh of Size 38mm x 38mm for 25 mm height 2. Square Mesh of Size 38mm x 38mm for 30 mm height 3. Square Mesh of Size 38mm x 38mm for 38mm height 4. Square Mesh of Size 50mm x 50mm for 50mm height		
8	Rib Thickness	5 to 7mm for 38 mm height 6 to 8mm for 50mm eight		
9	Height	Actual Size	Open Area %	Loading Capacity (UDL) (kg/SQM)
	1" (25 mm)	1220X3660, 1000X4000, 1220X4000	68%	450
	1-1/4" (30 mm)	1220X3660, 1000X4000, 1220X4000	68%	500
	1-1/2" (38 mm)	1220X3660, 1000X4000, 1220X4000, 1500X4000	68%	750
	2" (50 mm)	1220X3660, 1000X4000, 1220X4000, 1500X4000	71%	1000

**MANUFACTURERS OF: FRP/GRP CABLE TRAYS, GRATINGS, TREFOIL CLAMPS &
OTHER FRP PULTRUDED SECTIONS**

10	Color	Light Grey/Yellow/or as per your requirement
11	Top Surface	1. 3 mm Top Chequered Plate 2. Grit Top Grating 3. Open Type or Meniscus Type
12	Mechanical Properties	Tensile Strength : ASTM D 638-91 Flexural Strength : ASTM D 790 -92 Compressive Strength :ASTM D 695-91 Dielectric Strength : ASTM D 149-97a Izod Impact : ASTM D 256
13	Fire Retardancy	Should be very low flammability as per IS-6746 Appendix K/ASTM E-84