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THE COMPOSITE EXPERT...

www.aeroncomposite.com

CORROSION FREE COMPOSITE SOLUTIONS

Index »

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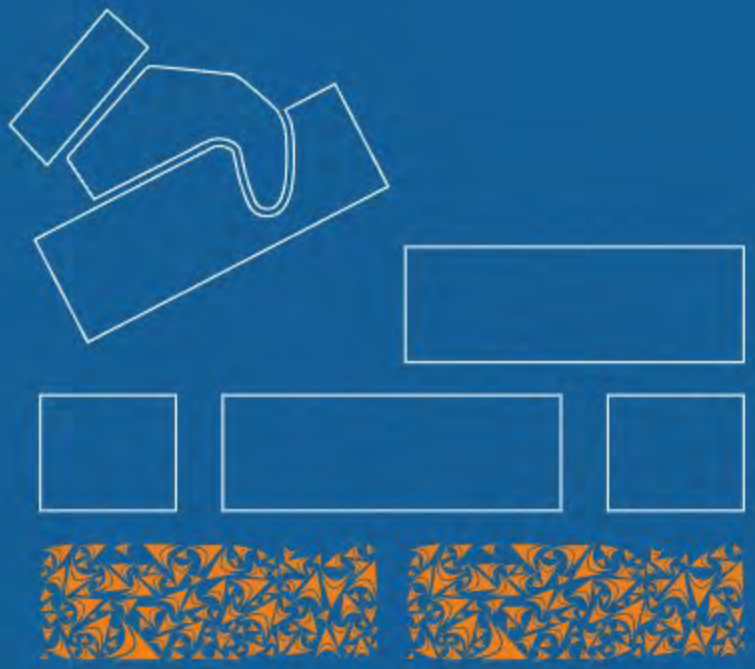


GREAT INITIATIVES
ARE BUILT ON

STRONG FOUNDATION!

Fastest Growing **Organization** in
Fiberglass Industry In India

36,000 Sq. Meter Area
In Production Facility

5,000 Sq. Feet
Office Infrastructure

450 + Human Strength

Export to 32 +
Countries

About Aeron

AERON COMPOSITE LIMITED specializes in manufacturing of various FRP/GRP (Fibre Reinforced Plastic) Products for industrial and recreational use. AERON, with its state of the art facility, offers High-quality advanced composite solutions and reliable services, complying with customer specifications as well as various National and International standards.

We provide complete solution which includes conceptual design, prototype development, testing, manufacturing, logistic support, installation and comprehensive after sales service.

Aeron Composite Limited has Core Value to deliver best quality products and wide marketing network ensures prominent presence in domestic and international markets.

Mission

To achieve market leadership with customer satisfaction by providing innovative, cost effective and high quality product in domestic and international market.

Vision

Aeron concentrates on growth in future-oriented segments while maintaining a healthy profitable basis of existing products and customers.

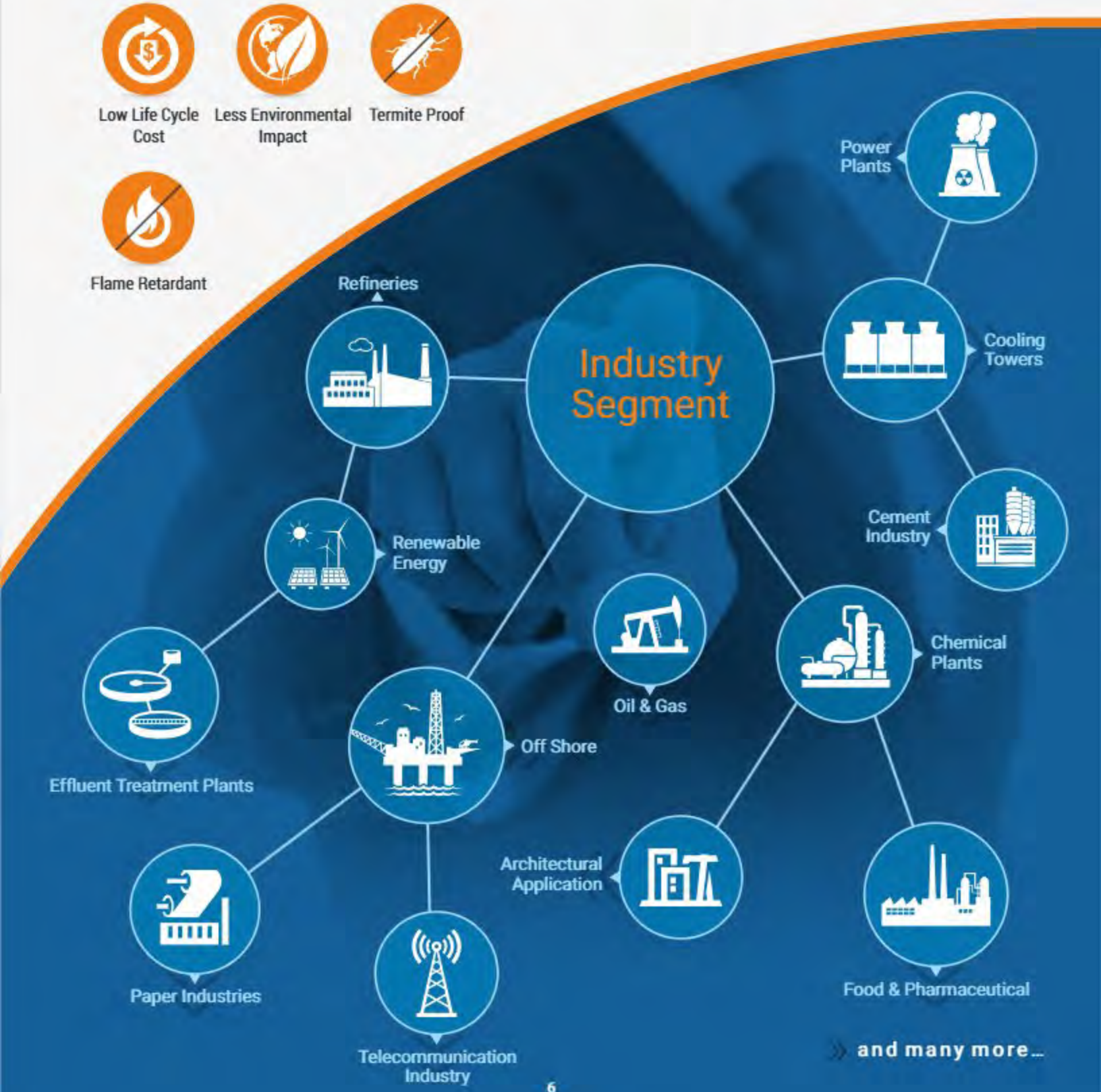
RoHS compliant

REACH

CE

Advantages of FRP/GRP/ FIBERGLASS

- Corrosion/Chemical Resistance
- High Strength
- Light Weight
- Electrical Non Conductivity
- Thermal Non Conductivity
- EMI/RFI Transparent
- Ease of Fabrication
- Low Life Cycle Cost
- Less Environmental Impact
- Termite Proof
- Flame Retardant



What is Composite Material ?

Composite materials are made up of two or more materials on a macroscopic scale. Polymer matrix composites are plastics (resins) within which there are embedded fibres. The plastic is known as the matrix, and the fibres orientated within it are known as the reinforcement.

The reinforcement tends to be stiffer and stronger than the matrix providing stiffness and strength. Reinforcement is laid in a particular direction, within the matrix, so that the resulting material will have different properties in different directions i.e. composites have anisotropic properties. This characteristic is exploited to optimise the design and provide high mechanical performance where it is needed.

What is FRP/GRP/ FIBERGLASS?

Fibre Reinforced Plastic/ Glass Fibre Reinforced Plastic is a composite material made of a polymer matrix reinforced with fibres. The fibres are usually Fibreglass, Carbon, or Aramid, while the polymer is usually an Epoxy, Vinylester or Polyster Thermosetting Plastic.

Comparison With Conventional Materials

	AERON FRP	Steel	Aluminium	Timber
Corrosion Resistance	High	Low	Medium	Low
Strength	High	High	High	Low
Weight	Low	High	Low	Medium
Electrical Conductivity	Low	High	High	Moderate
Thermal Conductivity	Very Low	High	High	Low
EMI/RFI Transparency	Yes	No	No	Yes
Fabrication	Easy	Easy	Moderate	Easy
Life Cycle Cost	Low	Moderate	Moderate	High
Environmental Impact	Low	High	High	Low

WE HELP SOLVE CORROSION PROBLEM

WE ALWAYS BELIEVE IN

LEADERSHIP

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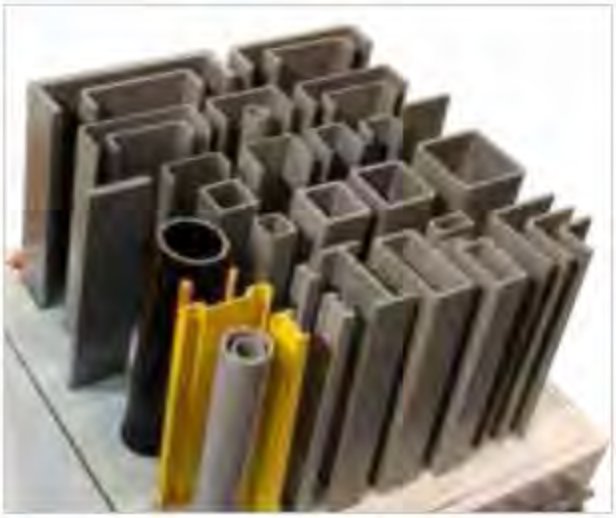
FIBERGLASS STRUCTURAL PROFILES

FIBERGLASS STRUCTURAL PROFILES



GRP or FRP Structural pultruded profiles are manufactured by combining a resin matrix with a fibre reinforcement. This is formed and cured in a continuous process creating a product of extraordinary strength and resilience. GRP Structural Pultruded Profiles provide a variety of benefits and mechanical properties matching or exceeding steel equivalents. A wide range of structural profiles are available including U Channel, I - Beam, Tube, Box, Angle, Rod & Hand Rail.

Resin System

As a standard, Isophthalic polyester resins are used for the matrix. To fulfill special requirements the following resin types are applied:

- Isophthalic resin : moderate corrosion resistanceand fire resistance
- Vinyl ester resin : extreme corrosion resistanceand fire resistance

For design parameters ask for design manual from sales team.

Type Of Structural Profiles


Angle


C Channel


Rect Box Section


SQ. Box Section


Round Tube


I Beam


Rod


Fluted Tube


DECK - 1


DECK - 2


Strut Channel


Rail Channel


Top Rail


HAT - 80


Toe Guard


Custom Profile


Flat


Flat Bed Strut Channel

The profiles listed above are only a very small proportion of our range. If you should require a custom profile please do not hesitate to contact us. All profiles manufactured in accordance with CTI 137 Standard.

FIBERGLASS ADVANTAGE

INDUSTRY SEGMENT

Various properties of Fiberglass Pultruded Structural Profile

Mechanical Properties	Standard Followed	Units	Lengthwise Min. Value	Crosswise Min. Value
Tensile Stress	ASTM D-638	MPa	206.8	48.2
Tensile modulus	ASTM D-638	GPa	17.2	5.5
Compressive Stress	ASTM D-6641	MPa	206.8	103.4
Compressive modulus	ASTM D-6641	GPa	17.2	6.9
Flexural Stress	ASTM D-790	MPa	206.8	68.9
Flexural Modulus	ASTM D-790	GPa	11	5.5
Izod Impact	ASTM D-256	J/mm	1.28	0.22
Ultimate Bearing Stress	ASTM D-953	MPa	206.8	206.8
Modulus of Elasticity	ASTM D-8069	GPa	17.9	-
Shear Modulus	Full Section	GPa	2.9	-
Poison's Ratio	ASTM D-3039	mm/mm	0.33	-
Short Beam Shear	ASTM D-2344	MPa	31	-

Physical Properties	Standard Followed	Units	Min. Value
Barcol Hardness	ASTM D-2583		45
24 Hours Water Absorption	ASTM D-570	%	Max 0.6
Density	ASTM D-792	gm/cc	1.72-1.95
Glass Content	ASTM D-2584	%	min 55%
Limiting Oxygen Index	ASTM D-2863	%	min 28%

Electrical Properties	Standard Followed	Units	Min. Value
Arc Resistance Lengthwise	ASTM D-495	Seconds	120
Dielectric Strength Lengthwise	ASTM D-149	kV/mm	3.5

Flammability Properties	Standard Followed	Units	Min. Value
Surface Burning Characteristics	ASTM E-84	mm	Less than 25 mm
Rate of Burning	ASTM D-635	mm	Less than 25 mm
Vertical Burn Test	UL 94	—	V0

Profiles are checked for Visual Defects as per ASTM D 4385-02 and Dimensional Tolerance as per ASTM D3917 - 15a

Fabrication Details


Beam to Beam


Beam to Beam


Wide Flanged Column


Beam to Channel


Beam Over Beam


Channel to Channel

WE BELIEVE IN

LONG TERM RELATIONSHIP

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FIBERGLASS CABLE MANAGEMENT SYSTEMS

Aeron composites are gaining more popularity than the traditional materials due to their several benefits and durable performance in challenging environments. In the area of cable management, AERON can offer a versatile range of solutions, from standard product range to customer-tailored solutions.

Quality & Consistency

Aeron product performance is consistent and reliable as all the products go through comprehensive programs of quality control in a world-class testing laboratory.

Engineering & Design Assistance

All engineering and design assistance for your project will be handled by our highly qualified and experienced staff. With our wide exposure we would be able to tackle a unique design problem that you face.

Specification Assistance

The most important phase for the success of a composite cable management solution is the specification phase. Our experience of installations in a wide variety of difficult environments can help you specify the best resin system and the correct structural properties that are long lasting and low on acquisition cost.

The Fiberglass Advantages

As compared to galvanized Steel

- Corrosion resistance coating not required.
- No risk of injury.
- Resistant to salt water, sulfur, chlorine or basis environments.

As compared to aluminum

- No electrolytic corrosion due to contact of two metals in humid environment.
- Much more longer life span in basic chlorine or halogen atmosphere.

As compared to Stainless Steel

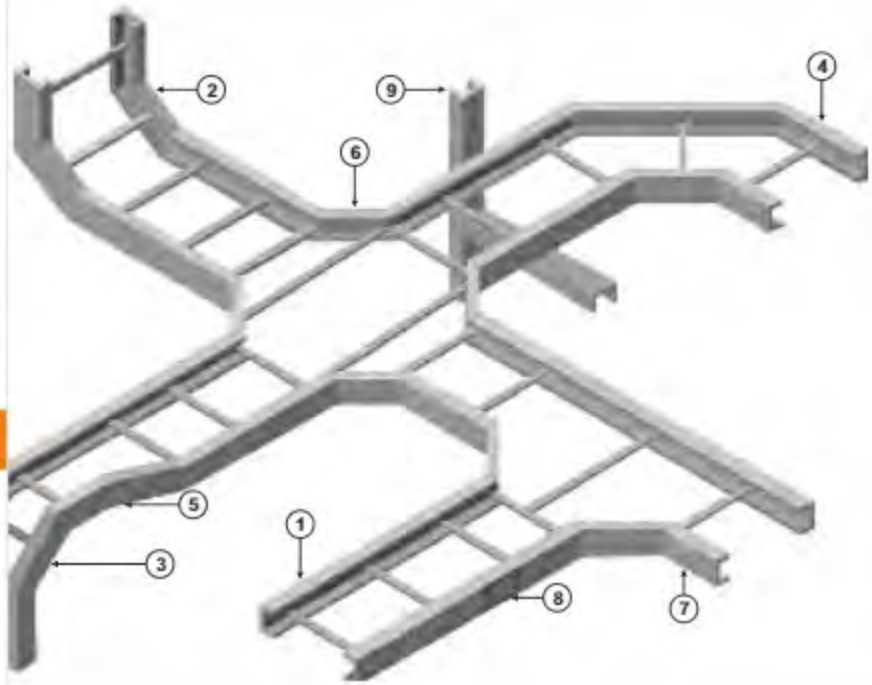
- Absence of corrosion under tension (mechanical).
- Recommended in chlorine environment.

As Compared to Metals

- No earthing required.
- Resistance to corrosion contributes to reduce the life cycle costs (LCC) of installations.
- No requirement for electric continuity test.
- Will not deform under impact.
- Easy to work (Cut, drill) at site and id much easier to move and place because is it light weight.

Fiberglass Cable Tray System

Fibreglass Reinforced plastics (FRP) are increasingly being considered as a superior material of construction in many fields. FRP has proved immensely beneficial in a wide range of industrial applications due to the following salient features



Fiberglass Cable Tray Assembly System	
1	Straight Run
2	90° Inside Vertical Bend
3	90° Outside Vertical Bend
4	90° Horizontal Bend
5	Left Hand Reducer
6	Horizontal Cross
7	Horizontal Tee
8	Splice Plate For Joining

LADDER TYPE CABLE TRAY

Nomenclature system includes each system with their respective side rail height, flange width, channel thickness etc. All cable trays are available in Polyester, Vinyl ester, Antistatic and halogen-free resin. Rung connections are made with a mechanical and chemical lock.

Nomenclature For Ladder Type Cable Tray

Example : ACL - P - 12 - 40 - S - 150 - Y

Cable Tray Type	Resin Type	Width	Height	Rung Type	Rung Spacing	STD Length
ACL Ladder Type	P-Polyester	06-150mm	20-50	S-Normal*	A-150mm	X-1M
	V-Vinylester	12-300mm	30-75	M-Marine	B-250mm	Y-3M*
		18-450mm	40-100		C-300mm*	
		24-600mm	60-150		D-450mm	
		30-750mm	80-200			
		36-900mm				

* Standard Size

Heavy Duty Cable Tray With I-beam Side Rail (Available In 100 & 150 mm Height)

Nomenclature For Ladder Type Cable Tray Fitting

Example : ACL - 90 - VIB - W - H - R

Cable Tray Type	Angle	Type		Width	Height	Radius
ACL Ladder Type	30°	HB-Horizontal Bend	VT-Vertical Tee	06-150mm	20-50	300
	45°	HT-Horizontal Tee	VTU-Vertical Tee, Up	12-300mm	30-75	450
	60°	HX-Horizontal Cross	RR-Right Reducer	18-450mm	40-100	600
	90°	VIB-Vertical Inside Bend	LR-Left Reducer	24-600mm	60-150	900
	#	VOB-Vertical Outside Bend	SR-Straight Reducer	30-750mm	80-200	Direct
				36-900mm		

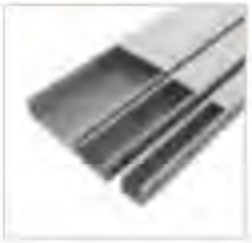
#-For Reducers | Custom Size Available On Request

Cable Tray Fittings

CHANNEL /PERFORATED TYPE CABLE TRAY

Channel / Duct Type Cable Tray*

Flanged Type Cable Tray



Nomenclature For Perforated Type Cable Tray

Example : ACP - P - 060 - Y

Cable Tray Type	Resin Type	Width x Height	STD Length
ACP Perforated Type	P-Polyester	020-50x30mm	X-1M
	V-Vinylester	021-50x50mm	Y-3M*
		022-50x25mm	
		023-50x80mm	
		030-75x25mm	
		031-75x30mm	
		032-75x50mm	
		040-100x30mm	
		041-100x50mm	
		060-150x50mm	
		062-150x80mm	
		080-200x50mm	
		081-200x100mm	
		120-300x50mm	
		040RF-100x100mm	
		060RF-150x100mm	
		080RF-200x100mm	
		120RF-300x100mm	
		160RF-400x100mm	
		200RF-500x100mm	
		240RF-600x100mm	

Custom Size Available On Request

Fitting Selection Guide

Nomenclature For Perforated Type Cable Tray Fitting

Example : ACL - 90 - VIB - C - R

Cable Tray Type	Angle	Type	C=Width x Height		Radius
ACP Perforated Type	30°	HB-Horizontal Bend	020-50x30mm	080-200x50mm	300
	45°	HT-Horizontal Tee	021-50x50mm	081-200x100mm	450
	60°	HX-Horizontal Cross	022-50x25mm	120-300x50mm	600
	90°	VIB-Vertical Inside Bend	030-75x25mm	040RF-100x100mm	900
	#	VOB-Vertical Outside Bend	031-75x30mm	060RF-150x100mm	Direct
		VT-Vertical Tee	032-75x50mm	080RF-200x100mm	
		VTU-Vertical Tee, Up	040-100x30mm	120RF-300x100mm	
		RR-Right Reducer	041-100x50mm	160RF-400x100mm	
		LR-Left Reducer	060-150x50mm	200RF-500x100mm	
		SR-Straight Reducer		240RF-600x100mm	

#-For Reducers | Custom Size Available On Request

Cover

Flat Cover & Peaked Cover

Flanged / Box Cover

Cover Fittings

Standard Cover Clamp

Heavy Duty Cover Clamp

Cover Fitting Cable Tray

Bolt-less Cover Clip

Quantity of Standard Cover Clamps Required
Straight Section 3000mm.....4 pcs.
Straight Section 6000mm.....6 pcs.
Horizontal/Vertical Bends.....4 pcs.
Tees.....6 pcs.
Crosses.....8 pcs.

Note : When using the Heavy Duty Cover Clamp, only one-half the number of clamps stated above is required.

ACCESSORIES

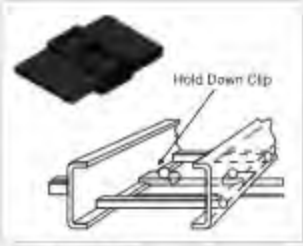
AERON offers a full line of accessories for our electrical products including cable tray covers, divider strips, drop outs, blind ends, adapters, hold-down clips, marine rungs, strut rungs and a wide variety of stainless steel or FRP cable tray fasteners appropriate for any application.

Standard Splice Plates

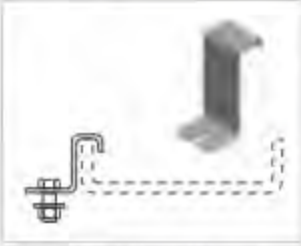
Expansion Splice Plates

Vertical Adjustable Splice Plates

Horizontal Adjustable Splice Plates



Hold Down Clip



Channel Hold Down Clamp

Divider Strip

Blind Plate

Ladder Drop-out

Channel Nut

Working Load Capacity

The working load capacity represents the ability of a fibreglass cable tray to support the static weight of cables. It is equivalent to destructive load capacity, with minimum safety factor of 1.5

Width of Cable Tray	Side Rail	Load Kg/Mtr. For Support span 2.0 Mtr.
150mm	75	35
300mm	75	65
450mm	100	85
600mm	100	95
750mm	100	125
900mm	150	155

Concentrated Static Load is 70 Kg. at the centre of the span.

As per NEMA Loading standards :

Load	Lb/ft.	Kgs/Mtr.
A	50	74
B	75	111
C	100	148

Side Rail	Load Class
75	8A
100	8C, 12C, 16A
150	12C,16B, 20A, 20C

Support span : 8, 10, 12 are in Feet

Effect Of Temperature

Strength properties of fiberglass are reduced when continuously exposed to elevated temperatures. Working loads shall be reduced based on the following:

Temp. in °F	75	100	125	150	175	200
Approx. % of Strength	100	90	78	68	60	52

Structural Properties of Pultruded Profiles Refer Page No. 11

Support Systems


Wall Mounted


Ceiling Hanged


Strut Channel


Floor Mounted

Standards

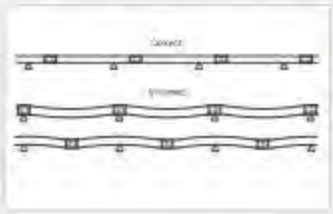
» IS 6746 -1994 Specs for Unsaturated Polyester Resin System for Low Pressure Fiber Reinforced Plastics
» NEMA FG-1 1984-1993 (Current Issue) Specification for Fiberglass Tray System - Loading Characteristics
» IS 6746 Appendix – K/UL 94 Flame Retardant (Low Flammability/v0)
» ASTM E 84 - Less than 25 mm (Under writer's Laboratory USA)

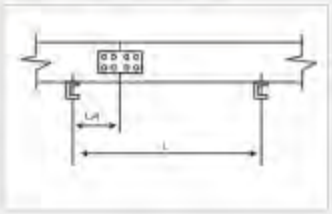
Installation Guidelines

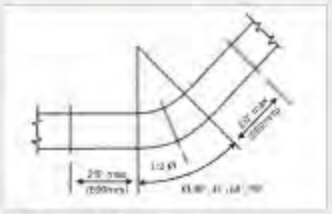
The installation of AERON Cable Tray should be made in compliance with the standards set forth by the National Electric Code and NEMA Publications FG-1 (current issue). Avoid excessive pressure when sawing, drilling, and routing, etc. Use carbide-tipped drill bits and saw blades for extended tool life.The use of lubricant during machining is not recommended. To avoid chipping of material at cut edges, secure cable tray and fittings properly during field cut operations. Follow label instructions carefully. A combination of mechanical fasteners and adhesives make the strongest most reliable connections.

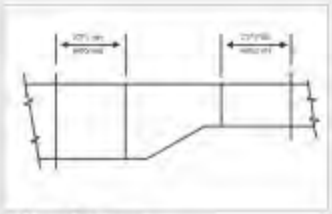
SUPPORT RECOMMENDATION AS PER NEMA STANDARD

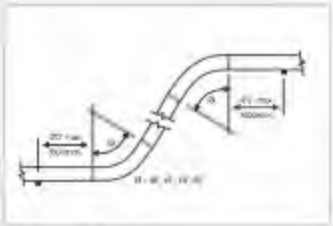
As per National Electrical Manufacturer Association (NEMA) - FG1, Splice Plate is recommended to be located at 1/4 of the support span. Other guidelines as below shown in line diagrams:

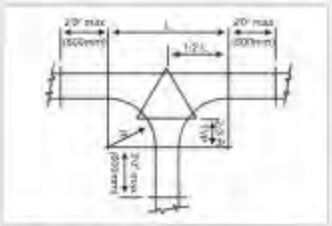


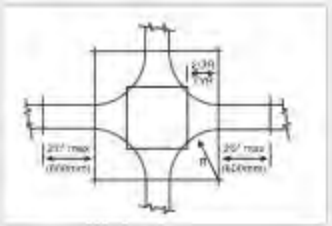


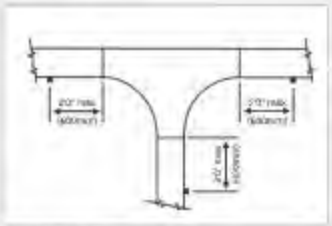

Horizontal Elbows


Offset Reducer


Vertical Elbows


Horizontal Tee


Horizontal Cross


Vertical Tee

EXCELLENCE & INNOVATION

IS THE CORE OF OUR EXISTENCE

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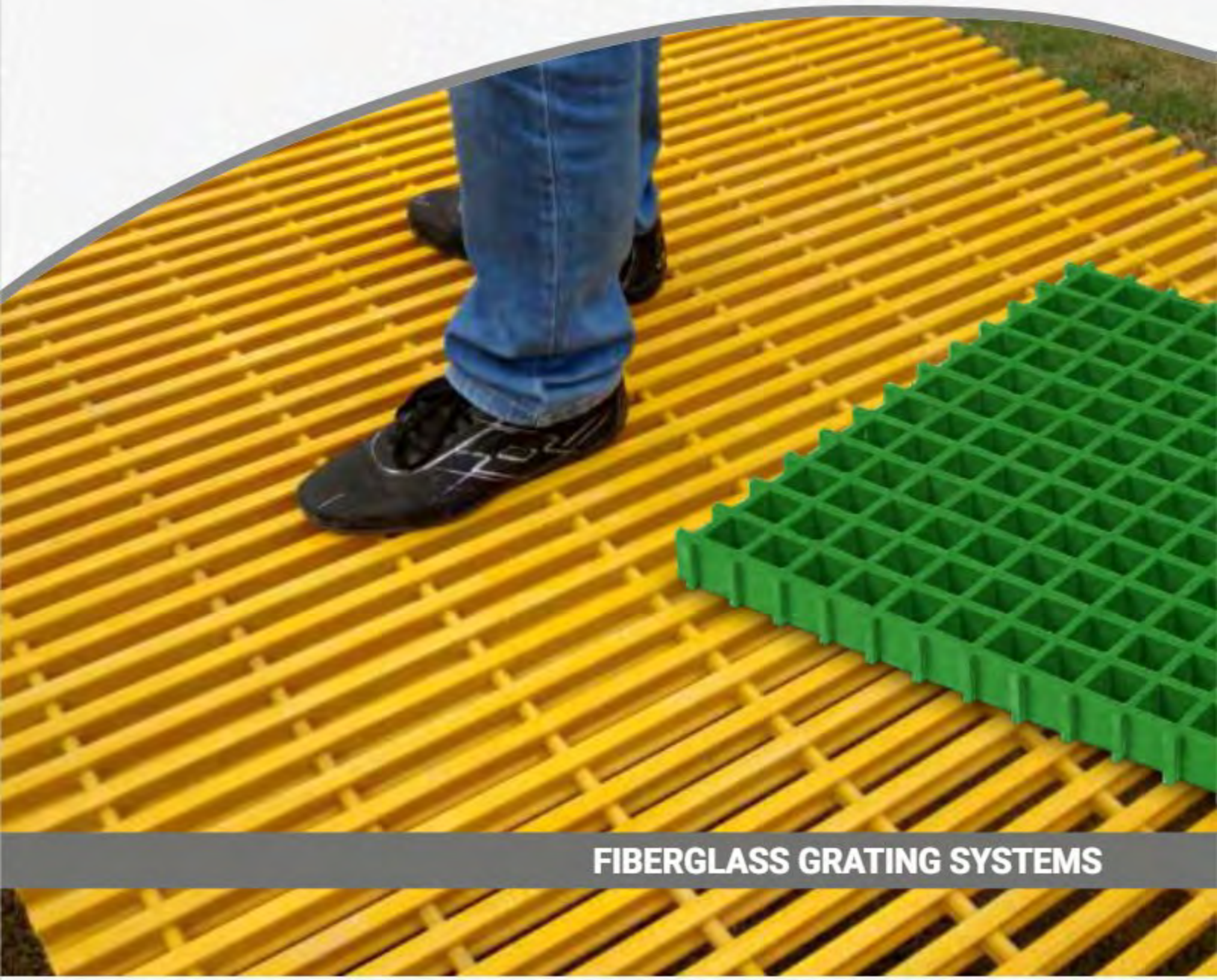


FIBERGLASS GRATING SYSTEMS

A well designed Composite system like AERON Composite gratings is needed for flooring, walkway and decking areas in corrosive environment for superior load bearing and corrosion resistance. This can be achieved with the use of good quality grade resins With UV inhibitors and other additives with sufficient glass fibre reinforcement.

AERON offers Pultruded as well as Molded Composite Gratings :

FIBERGLASS ADVANTAGE

Molded Grating :

» Installation around piping, tanks and other obstacles is much simpler with molded grating.

» Fixed panels sizes to be fitted on site.

» The chemical resistance of molded grating is superior.

» Well suited for forklift traffic.

» Designed for a max deflection of SPAN/100.

Pultruded Grating :

» Used where mechanical load is very high or support distances are very wide.

» Panels are fabricated to drawing with minimum wastage.

» Performs structurally better than molded grating with a maximum deflection to be limited to SPAN / 200 (the same limit as for steel grating).

INDUSTRY SEGMENT

FIBERGLASS MOLDED GRATINGS

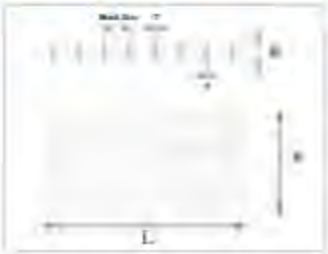
Aeron is one of the India's leading producers of molded grating. Renowned for their high strength, corrosion resistance in the harshest environments, long life and safety. Molded Gratings meet the highest international standards. Produced from carefully selected resin systems, Aeron Grating is designed to deliver many years of reliable service, outperforming the traditional materials they replace.

Comparable with steel at the installed cost stage, their low maintenance and long life means a significantly lower life cycle cost than that of steel. Fiberglass Molded Gratings are available with Polyester, vinyl ester or phenolic resin. All kinds of resin are self-extinguishing and UV-stabilized.

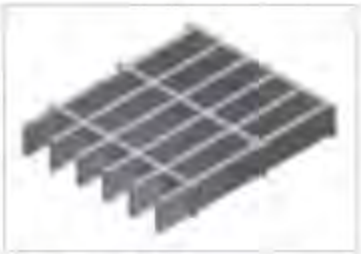
Fiberglass Molded Gratings are made into various mesh patterns and surface suitable for demanding applications.

Aeron Grating complies standards stipulated by FGMC of (Fiberglass Grating Manufacturer's Council) of ACMA (American Composite Manufacturing Association)

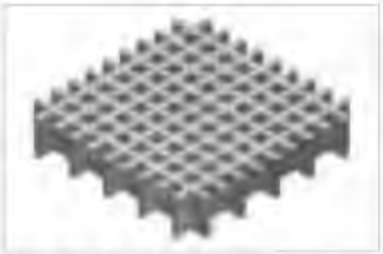
Fiberglass Molded Gratings



SM-Square Mesh



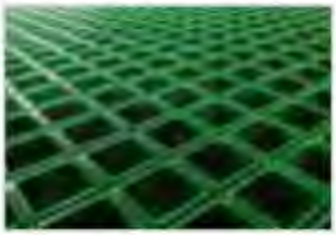
RM-Rectangle Mesh



MM-Mini Mesh

Surface

To Provide safest walking surface Aeron Fiberglass Gratings are available in three anti-slip surfaces.



Concave/Meniscus Top

Grit Top

Chequered Plate Top

Covered Grit Top

Size

Product Code	Height (MM)	Mesh Size (MM)	Rib Thickness (MM)	Open Area(%)	Sheet Size (MM)
SM 12 x (50 x 50)	12.5	50 x 50	6-5	82	1007 X 1980, 1007 X 4010
SM 14 x (38 x 38)	14	38 x 38	7-5	69	1220 X 3660, 1525 X 3660, 1525 X 4038, 1638 X 4038
SM 25 x (38 x 38)	25	38 x 38	7-5	69	1220 X 3660, 1007 X 2007*, 1007 X 4047*, 1247 X 4047*, 1638 X 4038
RM 25 x (25 x 100)	25	25 x 100	6.35	68	1220 X 3660
SM 30 x (38 x 38)	30	38 x 38	7-5	68	1220 X 3660, 1007 X 2007*, 1007 X 4047*, 1220 X 4048, 1638 X 4038
SM 38 x (38 x 38)	38	38 x 38	7-5	68	1220 X 3660, 1007 X 2007*, 1007 X 4047*, 1247 X 4047*, 1638 X 4038
SM 38 x (38 x 38)	38	38 x 38	8-6	71	1220 x 4038 (Curved Bottom)#
SM 50 x (50 x 50)	50	50 x 50	8-5	71	1225 X 4070
MM 25 x (19 x 19)	25	19 x 19 (38 x 38)	7-5	44	1220 X 3660, 1525 X 3660, 1525 X 4038, 1638 X 4038
MM 30 x (19 x 19)	30	19 x 19 (38 x 38)	7-5	44	1220 X 3660, 1525 X 3660, 1525 X 4038, 1638 X 4038
MM 38 x (19 x 19)	38	19 x 19 (38 x 38)	7-5	44	1220 X 3660, 1525 X 3660, 1525 X 4038, 1638 X 4038

For Panel Size marked with (*), Mesh Size will be 40 X 40, For Panel Size marked with (#) Special curved bottom for vehicular movements

FIBERGLASS MOLDED GRATINGS

Construction

Fiberglass Molded Gratings are produced by wet moulding and hot curing in a heated mould. The reinforcement consists of continuous fibreglassrovings in alternating layers, so the loads are distributed evenly in all directions. Regularly Molded Fiberglass Gratings have a polyester resin matrix. Glass content is approximately 35%. Standard colours are green, yellow or grey, other colours are available according to RAL.

Aeron's Resin Selection Systems

Resin Selection

The first step to ensure maintenance - free flooring solution is Aeron Grating. Having an appropriate resin makes highest performance in the most demanding circumstances. Aeron Gratings are available in five standard resin grades which are highly economical while they maintain high standards of performance.

Aeron Resin Grades

Resin Type	Resin Base	Description	Flame spread rating ASTM E84
Type V	Vinyl Ester	Superior Corrosion Resistance & Fire Retardant	Class1, 25 or less
Type IFR	Isopthalic Polyester	Industrial Grade Corrosion resistance & fire retardant	Class 1, 25 or less
Type I	Isopthalic Polyester	Industrial Grade Corrosion resistance in acidic environment	Non fire retardant
Type P	Phenolic	Low smoke and superior Fire Resistance	Class 1, 5 or less

Comparison with conventional materials

PARAMETERS	FIBERGLASS GRATINGS	HOT DIPPED GI	SS
Life Span	High	Moderate	High
Strength To Weight Ratio	High	Low	Low
Life Cycle Cost	Low	High	High
Corrosion Resistivity	Very High	Moderate	High
Chemical Resistivity	Very High	Moderate	High
Electrical Conductivity	Nil	High	High
EMI / RFI Transparency	High	Nil	Nil
Installation Cost	Low	Moderate	Moderate
Handling	Very Easy	Difficult	Difficult
Anti Skid	Available	NA	NA
Colour Range	Available	NA	NA

Applications

- Walkways
- Platforms
- Trench covers
- Staircase
- Floorings
- Foot Bridges
- Step Treads
- Swimming pool overflow
- Fencing
- Elevated car parking
- Earth pit covers
- Etc....

FIBERGLASS PULTRUDED GRATINGS

Aeron Pultruded Gratings

Aeron Pultruded Gratings are famous for high strength, corrosion resistance, long life and safety in the most difficult environment. These also adhere to the highest international standards. Aeron design ensures that reliable services are possible for several years as they are assembled from interlocking pultruded profiles thus outperforming the traditional materials they replace.

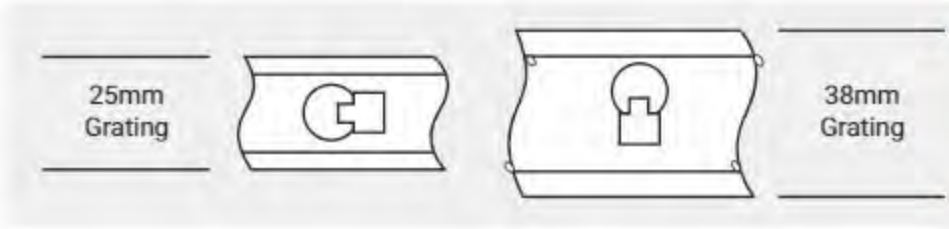
Being lightweight, easy to put together and install, good performance and cost effectiveness makes it a better choice than steel in several major industries.

An entire collection of gratings is offered to satisfy wide-ranging industrial needs and high load requirements for safety at work.

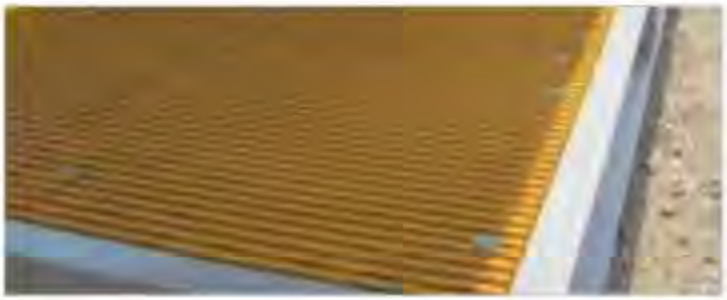
Bearing Bars & Cross-rod Assemblies

Unlike molded grating which has equal strength in both directions, Aeron Pultruded grating is stronger in the longitudinal direction as it is fabricated from bearing bars & interlocking rod and groove bar assemblies. For that reason Aeron Pultruded grating sizes are specified by width (the cross-rod dimension) x length or span (the bearing bar dimension).

The bearing bars used for Aeron Industrial grating are pultruded I bars and T Sections and these bars are 25mm (1 Inch) and 38mm (1.5 inches) deep. For the 25mm (1 inch) deep grating the cross-rod assembly is used horizontally, whilst for 38mm (1.5 inches) and 50mm (2 inches) deep products cross rods are used vertically.



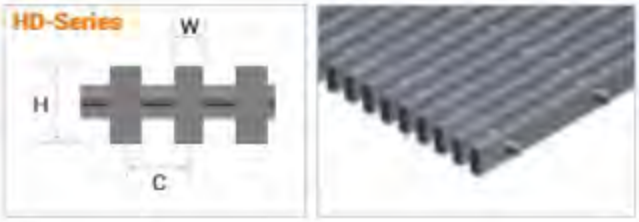
FIBERGLASS PULTRUDED GRATINGS



The I bar assemblies are offered in standard size with 40%, 50% and 60% open areas whereas the T bar assemblies have 17%, 33% & 50% open areas as standard. Nomenclature use to describe each industrial grating style refers to its bearing bar style (I or T), its open area and its metric depth.

For example...
I 1560 = I bearing bar : 60% open area : 38mm deep
T 1033 = T bearing bar : 33% open area : 25mm deep

	H-Height (mm)	W-Top width (mm)	C-Spacing (mm)	Open Area (%)
I-1040	25	15	25	40
I-1050	25	15	30	50
I-1060	25	15	38	60
I-1240	30	15	25	40
I-1260	30	15	38	60
I-1540	38	15	25	40
I-1550	38	15	30	50
I-1560	38	15	38	60
T-1033	25	25	38	33
T-1050	25	25	50.8	50
T-1517	38	25	30.5	17
T-1533	38	25	38	33
T-1550	38	25	50.8	50
T-2033	50	25	38	33
T-2050	50	25	50.8	50
HD-1540	38	15	25	40
HD-1550	38	15	30	50
HD-1560	38	15	38	60



For customized size and loading standards please contact our sales team.
Poltruded Grating of Height 30mm, 50mm & Custom Height also available on request.

Aeron Grating complies standards stipulated by FGMC of (Fiberglass Grating Manufacturer's Council) of ACMA (American Composite Manufacturing Association)

Allowable Spans for Vehicular Loads

	Wheel Load (kg) 1/2 Axle Load +30% Impact	Load Distribution (in mm)	Allowable span in mm		
			HD 1540	HD 1550	HD 1560
AASHTO Standard Truck4 / 14500kg Axle Load Dual Wheels(*formerly AASHTO H-20)	9425 kg	500	425	350	300
Automobile Traffic / 2200 kg Vehicle 700 kg Load / 55% Drive Axle Load	1000 kg	200	700	675	650
5 ton Capacity Forklift / 6500 kg Vehicle 11500 kg Total Load / 85% Drive Axle Load	6350 kg	275	375	350	300
3 Ton Capacity Forklift / 4500kg Vehicle 7500 kg Total Load / 85% Drive Axle Load	4150 kg	175	400	350	300
1 Ton Capacity Forklift / 2000 kg Vehicle 3000 kg Total Load / 85% Drive Axle Load	1650 kg	100	500	500	475

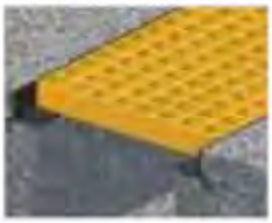
Accessories :

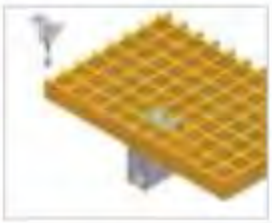
Applicable for our gratings we have special support angles which are concreted into the basement directly.

Fixing Sets

Easy to assemble without any special tools. A pultruded Fiberglass angle can be used as a frame for all Fiberglass gratings.

Stainless steel fixing sets can be used for all standard Fiberglass gratings and support constructions. To prevent Fiberglass gratings perfectly against lifting and sliding away each panel should be fixed on at least four points.





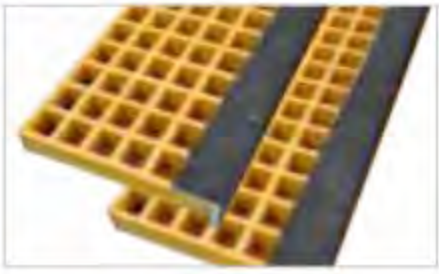
M-CLIP FOR MOLDED GRATING

C-CLAMP FOR MOLDED GRATING

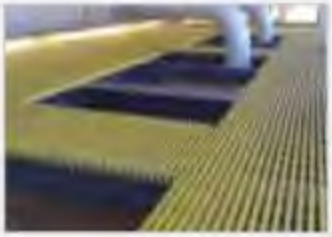
M-CLIP FOR PULTRUDED GRATING

Fiberglass Step Treads

Easy to assemble and providing high safety. Fiberglass Step Treads fulfil high safety standards. They are produced in the same way as the Fiberglass Profile Gratings and the Fiberglass Molded Gratings with additionally reinforced and highlighted edges.



Color Selection



EXCEEDING

EXPECTATIONS

AND DELIVERING

REAL VALUE

Aéron©

THE COMPOSITE EXPERT...

www.aeroncomposite.com

FIBERGLASS HANDRAIL & STAIRWAY SYSTEMS

FIBERGLASS HANDRAIL & STAIRWAY SYSTEMS

AERON Hand Rail Systems offer now various solution for different situations. All systems are designed and tested according to the relevant standards. Systems are designed to satisfy both the End User in terms of performance as well as the Contractor in term of ease of installation and costs.

We provide :

- Design/costing services
- Applicable test certificates
- All components in kit form
- Site supervision if required

Advantages of AERON FRP Handrail Systems :

- Modular for ease of installation
- Lightweight to increase tempo of installation
- Strong enough to take load
- Corrosion resistant
- Thermally non conductive - Perform well in subzero temperatures
- Fire Retardant
- UV Protection
- Electronically Transparent

Basic Design parameters include :

- Max stanchion centre to centre spacing of 1500 mm.
- Min height above walking surface of 1100mm.
- A minimum service load of min=300N/m x max distance (m) between stanchions

Order details required :

- General layout drawing or sketch
- Mounting preference: side mounted, top mounted or imbedded.
- **Colour** : Normally yellow or grey
- Hand rail height
- Design criteria

Material :

Fibre Reinforced
Composites

3 Systems Available :

Heavy Duty
Standard Duty
Economy

Handrail configuration

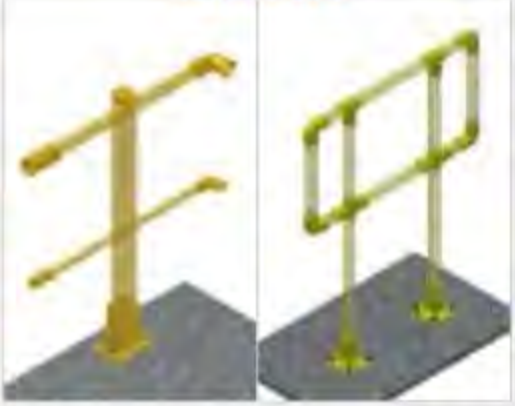
All systems comprise of the following basic elements:

- Hand rail / Top rail
- Knee rail / Mid rail
- Toe plate
- Stanchion / Vertical Post
- Floor fixing mechanism
- Connectors / Splice sections

Design Criteria

AERON Handrail Sytems are designed and tested for applicable Standards.

Connections



Assembly & Mounting Details For Handrails

ASSEMBLY MODEL : ASH-101

ASSEMBLY MODEL : ASH-102

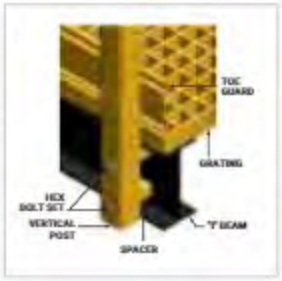
ASSEMBLY MODEL : ASH-103

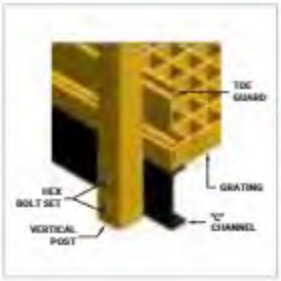
ASSEMBLY MODEL : ASH-104

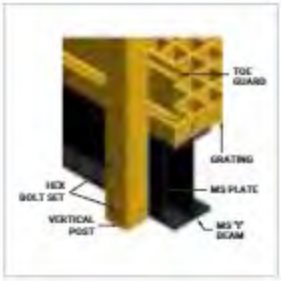
ASSEMBLY MODEL : ASH-105

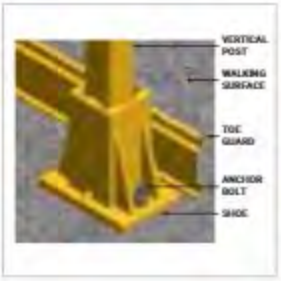
Contact Our Sales Team For Customized Specification

Vertical Post Mounting Details









Other Applications Of Handrail & Ladder

Crossover

Elevated Ramp With Handrails

Guard Rails

Platform Railing

FIBERGLASS SAFETY LADDERS

The innovative AERON fiberglass reinforced plastic (FRP) safety ladder and cage system meets or exceeds OSHA requirements. AERON cage components are shipped in compact kit form - not large, bulky units prone to damage. The safety cage is ready for field assembly with predrilled hoops for fast and easy attachment to the ladder and vertical safety bars.

Safety First

Safety features are built in from the ground up. Special clip angles have been developed to securely anchor the ladder. Intermediate stand-off brackets laterally stabilize the ladder to the supporting structure on 6' centers. Ladder rungs include heavily serrated flutes for slip resistant footholds.

Durable FRP Construction

Standard AERON ladders and cages are manufactured with ISOFR pultruded structural shapes. This creates a lightweight ladder system offering long life and low maintenance service and fire protection.

Custom Solutions

In addition to AERON standard ladder cage configurations, special details can be custom fabricated. These include single or double side dismounts to platforms, special stand-off distances, self-supporting returns and handrail connections for additional worker safety.

FIBERGLASS ADVANTAGE

INDUSTRY SEGMENT

FIBERGLASS LADDERS (INDUSTRIAL AND DOMESTIC USE)

Types of Ladder

Aeron designs different type of ladders which can be used for Industrial as well as domestic use.

Self-Supported Step Ladder

Self-Supported Step Trestle Ladder

Wall Supported Ladder

Self supported Platform Ladder

Extension Ladder

Manhole Ladder

Industrial Step Stand

Mobile Maintenance Platform Ladder

Mobile Platform Ladder

Mobile Telescope Platform Ladder

Mobile Telescopic Platform Tiltable Ladder

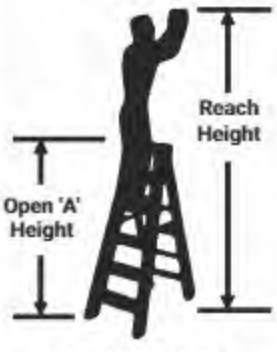
ANSI Code for Ladders	
Wood Ladder	ANSI A14.1
Metal Ladder	ANSI A14.2
Fixed Ladder	ANSI A14.3
Fiberglass Ladder	ANSI A14.5
Steel Ladder	ANSI A14.7
Stage Platform	ANSI A10.8
Rolling Scaffold	ANSI A10.8

OSHA

ANSI

Duty Rating as per ANSI Code		
Type	Capable of Supporting	Rated Use
Type IAA	375Lbs.	Extra Heavy Duty Industrial
Type IA	300Lbs.	Extra Heavy Duty Industrial
Type I	250Lbs.	Heavy Duty Industrial
Type II	225Lbs.	Medium Duty Commercial
Type III	200Lbs.	Light Duty House Hold

Ladder Selection Guide for Step Ladder



X = User's Height

Step Ladder Size	Reach Height
4	1'11"+X
5	2'10"+X
6	3'9"+X
7	4'9"+X
8	5'8"+X
9	6'7"+X
10	7'7"+X
12	9'6"+X
14	11'5"+X
16	13'4"+X
18	15'3"+X

Ladder Selection Guide for Platform Ladder, Wall Mounted Ladder & Extension Ladder Available Upon Request.
For Ladder Accessories & Safety Harnesses Contact Our Sales Team

TREFOIL CLAMPS / CABLE CLEATS

AERON Trefoil Clamps / Cable Cleats are used for laying single core cables in Trefoil touching formation which helps to maintain magnetic symmetry thereby avoiding electromagnetic heating and loss of current.


ATC Series


ATC Series

AERON Trefoil clamps have been manufactured by molding process from Virgin Glass Filled materials. Glass filled materials are used to increase the flexibility of the clamp & to avoid the breaking of the clamps from the hook while tightening procedure of the three single core cables.

Application

Trefoil clamps are used for tying high voltage single core (Higher sizes) cables where the current rating is high & 3 core cables are not available.

Trefoil clamps are suitable for supporting single core PVC/ HDE, XLPE, XLPE insulated aluminium, unarmoured, earth and un earth power cables from 1. 1 kv to 132 kv grade. 3 phase AC circuits in trefoil formation in generation stations, sub-stations, thermal power stations, switchgear plants , industrial installation, terminal kits, and straight through jointing kits etc. these can be used for indoor or outdoor for vertical or horizontal running cables inside trenches or on racks / galleries.

Advantages

- High Mechanical Strength
- Long Life as not affected by Atmosphere, Chemicals & Acids.
- Reduce Breaking chances of Hooks due to Glass filled Nylon material.
- Voids electromagnetic heating and loss of current.
- Some Variation of cable diameter also can be fixed easily & gives the good mechanical strength due to its special Design.

Required Tests For Trefoil Clamps

- Aeron Trefoil Clamps / Cable Cleats has been tested satisfactorily to withstand 50 KA short circuit fault current with spacing between Trefoil clamps kept at one meter distance.
- Centre distance between Trefoil clamps can be increased for lower fault level than 50 KA & hence total requirements of clamps can be reduced thereby reduction in cost.

Aeron Trefoil Clamps are supplied with bolts, nuts & washers which are generally MS Zinc passivated, SS hardware can be supplied against specific requirement.

Range Of Trefoil Clamps/Cable Cleats

CURRENT RANGE OF TREFOIL CLAMPS

Model No.	Min (in mm)	Max (in mm)	CC of Mounting Holes (in mm)
ATC 03	16.0	19.0	110
ATC 04	19.0	23.0	110
ATC 05	23.5	26.5	110
ATC 06	34.5	37.5	110
ATC 07	27.0	30.5	110
ATC 08	31.0	34.0	110
ATC 10	38.0	41.0	110
ATC 14	42.0	44.0	110
ATC 16	44.0	47.5	110
ATC 21	47.5	50.0	140
ATC 24	50.9	54.0	140
ATC 28	54.1	57.2	140
ATC 30	57.3	60.3	140
ATC 35	60.4	63.5	180
ATC 37	63.6	66.5	180
ATC 39	67.0	69.0	180
ATC 43	69.0	73.0	180
ATC 50	76.0	80.0	180
ATC 51	80.5	84.5	180
ATC 52	85.0	88.0	180
ATC 53	98.0	101.0	180

For sizes not listed above please contact us.

TREFOIL CLAMPS / CABLE CLEATS

Aeron Heavy Duty Cable Cleats are made to deliver excellent results technically. It ensures the perfect pressure distribution and maximum grip on the cables without sharp edges. So, there is no point load on the cables and the cables are not damaged. There is also a provision of extra fastening at the centre hole.

HEAVY DUTY SINGLE CLAMP

AHSC Series — Stackable

Dimensions in mm.			
Type	Cable Dia	c/c of Mounting Holes	Hole Dia
AHSC 26-50	26-50	76	12.5
AHSC 50-80	51-80	100	12.5
AHSC 75-100	75-100	150	12.5

HEAVY DUTY SINGLE CLAMP

AHSC Series

Dimensions in mm.			
Type	Cable Dia	c/c of Mounting Holes	Hole Dia
AHSC 100-135	100-135	175	12.5
AHSC 135-170	135-170	210	12.5

HEAVY DUTY TREFOIL CLAMP

AHTC Series — Stackable

Dimensions in mm.			
Type	Cable Dia	c/c of Mounting Holes	Hole Dia
AHTC 27-38	3x 27-38	125	15.5
AHTC 38-51	3x 38-51	145	15.5
AHTC 51-69	3x 51-69	170	15.5
AHTC 69-90	3x 69-90	215	15.5

CABLE SPACER CLAMPS

Aeron Cable Spacer Clamps are widely used in various industries to maintain spacing between cables. Usage of these clamps provide high technical benefit by reducing the Eddy Current Losses generated in the cable when cables are not spaced properly. In addition to this, cable routing looks aesthetically good and provides ergonomic advantage to the user for maintenance and fault findings. These spacer clamp can be mounted on cable tray rung, mounting brackets or can be laid on the floor in burial type cable routing.

Dimensions in mm.		
Type	Cable Dia	c/c of Cable
ACSC 6 x 48	6 x 48 mm	90 mm
ACSC 2 x 89 (*)	2 x 89 mm	250 mm

CABLE SPACER CLAMP – ACSC 6 X 48

CABLE SPACER CLAMP – ACSC 2 X 89

FRP/GRP POLES & MASTS

Aeron FRP/GRP poles offer a solution to traditional problems & are suited to be used in places where poles of other material face serious corrosion problems (e.g. Coastal Area, Chemical zones, marshlands & areas with high temperature fluctuations.) Aeron FRP/GRP Poles are non-polluting & have a long life, can be reused in different locations. No surface treatment required as mandatory with traditional poles. Composite poles installation works out to be economical due to their light weight, they can be hand carried to inaccessible places, no surface treatments, grounding and servicing or painting is required.

Features and benefits of FRP Poles

- Corrosion & Chemical Resistant.
- Light Weight - Lighter than steel, Concrete & Wooden Poles resulting in lower installation and transportation costs.
- High Mechanical Strength - Low mechanical stiffness of the composite material enables high mechanical strength of the Poles.
- Better Aesthetics
- Frangible - In road traffic accidents involving poles, Composite poles cause fewer deaths than steel or concrete poles, due to their ability to fail in a controlled manner.
- Electrically Insulator - non conductive
- Low Installation Cost
- Maintenance Free - No Maintenance required due to its inherent technical properties

Application

- Offshore Platforms
- Chemical Plants
- Jetties
- Coastal Area
- Parks
- Street Lighting
- Water fronts
- Bridges
- Industrial Platforms
- Residential Colonies

Standards followed

- AASHTO LTS - 4 : Standard Specification for Structural Supports for Highway Signs, Traffic signals.
- ANSI C 136.20 - 1990 : Fiberglass Reinforced Plastic Lighting Poles
- IS 875 (Part 3) - 1987 : Code of Practice for Design Loads for Buildings & Structures - Wind Load

Comparison - FRP/GRP Poles v/s Metal Swaged Poles

Features	GRP/FRP Poles	Metal Poles
Corrosion	Non Corrosive	Highly Corrosive
Aesthetics	Great	Adequete
Earthing	Not required	Required
Life	Very Long	Moderate
Maintenance	Maintenance Free	Very High Maintenance
Weight	Very Light Weight	Very Heavy
Colours	Color Pigmentation (UV Resistant)	Hand Coating from outside
Painting	Non Required	Frequent Painting Required
Relocation	Easy	Difficult
Mounting	Foundation required / Optional	Concrete Foundation is Compulsary
Transportation Cost	Very Less	Very High
Installation Cost	Very Less	Very High
Construction	Single	Multiple
Electrical Conductivity	Electrical Insulator & Non Conductive - Shock Proof	Conductive

Standard Cross Arms

Single Arm 90°

Single Arm

Double Arm

J Arm

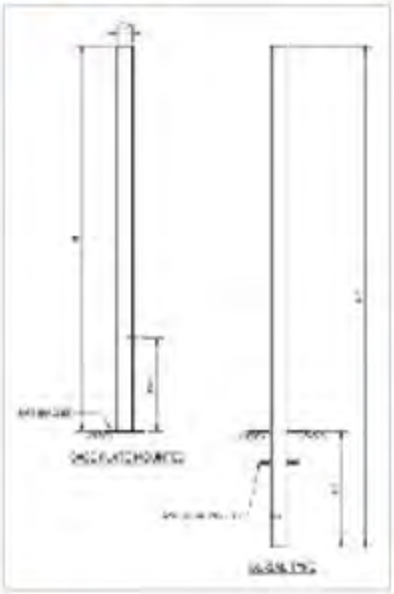
Other Accessories Available

» Tenon » Junction Box Bracket
» Base Bracket » Decorative Shoe
(MOC: MS + Polyurethane coat)

FRP/GRP POLES & MASTS

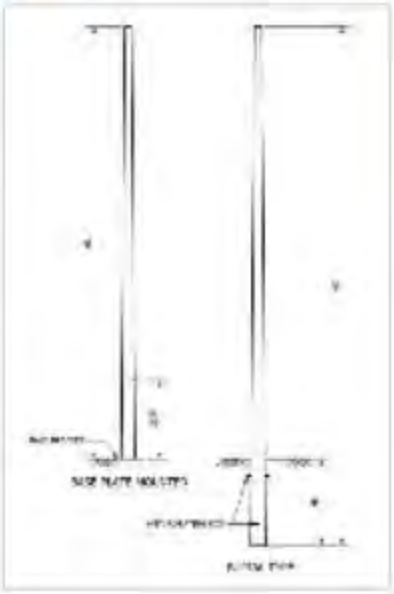
Cylindrical Poles (Top mount / Side Mount)

Model	Height above Ground (in mm)	If burial type installation	
		Burial Depth* (in mm)	Shaft Length (in mm)
ACY -3025	2500	900	3400
ACY- 3030	3000	900	3900
ACY -4030	3000	900	3900
ACY- 4035	3500	900	4400
ACY- 4040	4000	900	4900
ACY- 4045	4500	900	5400
ACY- 4050	5000	1200	6200
ACY- 4055	5500	1200	6700
ACY- 4060	6000	1200	7200



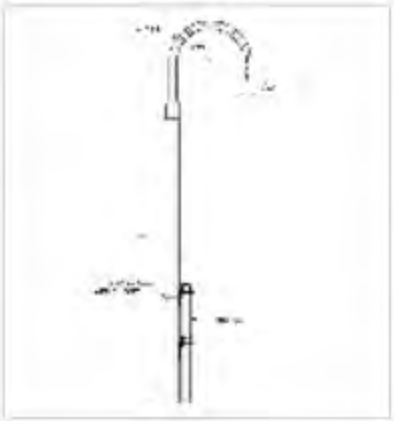
Conical Poles (Top mount / Side Mount)

Model	Height above Ground (in mm)	If burial type installation	
		Burial Depth (in mm)	Shaft Length (in mm)
ACN -6060	6000	1200	7200
ACN -6065	6500	1200	7700
ACN -6070	7000	1200	8200
ACN -6075	7500	1200	8700
ACN -6080	8000	1500	9500
ACN- 6085	8500	1500	10000
ACN- 6090	9000	1500	10500
ACN- 6100	10000	1500	11500
ACN- 6110	11000	-	-



Platform Mounted Poles

Model	Height above Ground (in mm)	OD (in mm)	Surface Type
ACYP-3025	2500	76	Serrated
ACYP-3030	3000	76	Serrated
ACYP-3040	4000	76	Serrated



Accessories for Conical Poles

AluminiumJ Arm with PU / FRP Coating
MS / GI Clamps for Handrail mounting

Signages

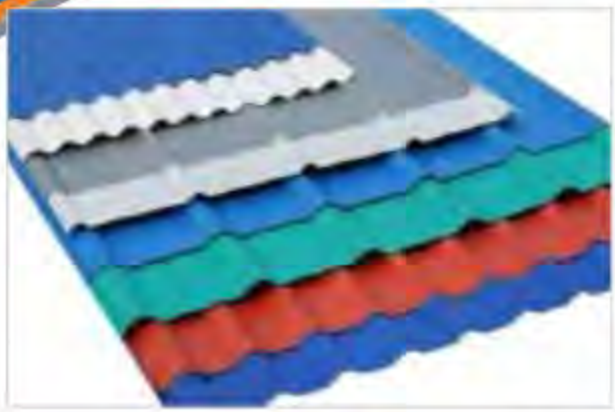
Traffic Light

Garden / Street Light

Street Light Poles

Handrail Mounted Poles
For Cooling Towers

FRP/GRP ROOFING SHEET



Aeron make rooflight sheets allows natural daylight & creates a positive working atmosphere under industrial roof.

- Using high quality of basic raw material.
- Protecting against U.V. Rays by using imported U.V Stabilized Resin.
- Specially formulated top layer to retards the effect of abrasion, erosion and enhances its increases product life.
- Consistency of uniform thickness throughout the Sheet ensures good quality and high mechanical strength.
- A unique embossed / crinkles finishing gives scattered natural daylight distribution under the roof.
- Colours : Clear, Translucent & Opaque.

Type Of Roofing Sheet

A-1 A-2 A-3 A-4

Technical Specification Of Machine Made FRP Sheet

Description	Machine Made FRP Sheet.
Brand	AERON
Model	Any type #
Color	As required
Width	1500 mm (Stretch)
Length	No restriction
Thickness	1 - 4 mm
Unit Weight	Depend on type
Tolerance	+ or - 10% (As per standard)
Capacity	50,000 Sq.mtr/month

Resin	G.P/ Roof lite/Isophthalic/ Vinylester
Glass Content	Not Less then 25%
Gel Coat	Top side with any resin (optional)
Warranty	5-10* years
Applicable Standard	IS 12866
Unit Price	Depends specification and thickness

* Depending upon thickness, environment & resin selection
\# Sample or final drawing from client mandatory

FRP Gutter (* as per client requirement)

FIBERGLASS ADVANTAGE

FRP CANOPIES

Aeron offer an exclusive range FRP Canopy / Guards which are available in various specifications. Aeron FRP Canopies are non-Corrosive, Life Long, Water Proof, Light Weight, Maintenance Free, Built in paint, better Aesthetic. The use of optimum quality materials in the manufacturing of the FRP Canopy ensures high durability, strength and resistivity to adverse conditions.


Junction Box Canopy


Single Transmitter Canopy


Single Transmitter Canopy (Fab.)


Push Button Canopy


Motor Guard Canopy


Vertical Motor Guard Canopy

Specification Sheet

Parameters	Specifications
Material Of Construction	FRP
Type Of Resin	Isopthalic/ General Purpose
Glass Fibre	Chopped Strand Matt
Shape & Size	As Required
Colour	Light Grey
Thickness	3 To 5 mm
Louvers	Yes
Handles	Yes
Finish	Outside Smooth Finish (One Sided Finish)
Supporting	As Required At Site By FRP Angles /Channels
Corrosion Resistance	Yes
UV Stabilized	Yes
Moulding Process	Contact Molding Process
Flammability	Low Flammability
Glass Contents	30 To 33%
Oxygen Index	27 To 33
Flame Spread Index	15 To 25

Selection Table For NFLP Motors			
Frame Size	Horse Power		
	3000RPM.	1500RPM	1000RPM
80	1 TO 1.5	0.75 TO 1	0.5 TO 0.75
90	2 TO 3	1.5 TO 2	1 TO 1.5
100	4	3 TO 4	2
112	5.5	5.5	3
132	7.5 TO 10	7.5 TO 10	4TO 7.5
160	15 TO 25	15 TO 25	10 TO 15
180	30	25 TO 30	20
200	40 TO 50	40	25 TO 30
225	60	50 TO 60	40
250	75	75	50
280	100 TO 125	100 TO 125	60 TO 75
315	150 TO 230	150 TO 230	100 TO 195
355	320 TO 390	305 TO 365	245 TO 285
400	440 TO 520	440 TO 520	380 TO 435

For FLP Motors - Please Consider The Next Higher Size Of Canopy
For H.T. Motors - Please Advise Us The Dimensions

FRP Motor Canopy Specification

The size of the MOTOR PROTECTION SHELL is based on the physical dimensions of the motor cover it is so selected that a uniform clearance of at least 50mm is maintained on all sides with respect to the motor body for the purpose of :

- Proper Circulation Of Air Along With The Louvers
- For The Ease Of Installation/ Lifting

It should cover the motor fully to protect from

- Rain water
- Chemical or water spillages
- Accidental fall of some material or the hit of some flying object under abnormal circumstances

FIBERGLASS ADVANTAGE

FIBERGLASS FENCING & RAILINGS

AERON FIBERGLASS FENCING & RAILINGS offers various solutions for different situations. All systems are designed and tested according to the relevant standards. Systems are designed to satisfy both the End User in terms of performance as well as the Contractor in terms of ease of installation and costs.

Services Offered

- Design/Costing
- Applicable test certificate
- All additional component in kit form
- Site Supervision if required.

Applications

Fencing for

- Electrical Transformers
- Sub Stations
- Road Dividers
- Garden Area / Parks
- House
- Various premises like School, University, Industry, Mine, Oil Rig, Power Industry and many more

Industries

- Power Generation
- Power Distribution
- Highway Authorities
- Municipal Corporations
- Road Contractors
- Construction and EPC
- Mining
- Oil & Gas
- Refinery

Advantages of Aeron Fiberglass Fencing

Electrically & Thermally Non Conductive : Fiberglass is electrically non conductive for safety and has low thermal conductivity which results in a more comfortable product when physical contact occurs.

Corrosion Resistant : Aeron fiberglass products are known for their ability to provide corrosion resistance in the harshest environments and chemical exposures.

Impact Resistant : Aeron molded grating and other products show superior impact resistance when compared to steel gratings.

Many more design options available

HIGHLY DURABLE SAFETY MARKER LINE

Highly visible and long lasting AERON's durable permanent line marking is a one time and cost effective solution to indicate safe traffic management, factory safety, walkways, process plans etc, The prevention of workplace OH & S incidences continues to be vital for all industries as employers aim to ensure a safe and injury free environment. A business's ability to highlight designated pedestrian and vehicular traffic are as is an essential component in eliminating accidents involving machinery and vehicles.

Available in 50 & 100mm Width & 3mtr Standard Length. Color Option Yellow or White

Features of AERON Safety Marker Line

- One time solution
- Tapered from both end to extend ease in movement and prevent trippling
- No need of overriding maintenance cost of painting
- Excellent Resistance to chemical / Acids
- Long life - virtually permanent
- Fast installation due to pre-drilled holes
- Virtually no need of surface preparation before installation
- Comes in k kit form with plastic dowel and hardware
- High abrasion resistant
- Zero environmental effect - best for road limit marker
- Option for antiskid coating also available

Problem with conventional yellow marker line

- Not a one-time process
- Gets invisible after certain time due to dust, oil and grease etc
- Preparation of the surface before painting of application
- Time consuming process

Fiberglass Floor Plate

FRP floor plates are manufactured from safety yellow fibreglass composite plastic that features a tough anti-slip grit.

Ideal for hazardous floors and platforms that are prone to slip accidents. Suitable for indoor and outdoor applications in industrial, commercial and public spaces.

Available in a range of sizes, Mechanically fix or adhere to surfaces.

Fiberglass Sheet Pile

Tired of replacing your current seawall or bulkhead? Marine borers destroying your wall? Fiberglass Composite sheet Pile was engineered to replace traditional materials of bulkhead construction.

While wood is rotting, concrete is sapling and steel is rusting, AERON fiberglass sheet piling will be there for the rest of time protecting your asset.

Aeron Fiberglass Sheet Pile is an alternative construction material without many of the performance disadvantages of conventional materials such as aluminum, concrete, steel and wood. Aeron Fiberglass Sheet Pile will not corrode, decay, or spall thereby reducing maintenance costs and future replacements. The FRP composite sheet pile system resists impact, creep, UV and weathering effects and is easier to install in harder soils. Typical Installation are Wave Breaks, Retaining Walls, Shoring, Water Control, Land Stabilization, Erosion Control, Storm Surge/Flood Protection, Containment/Cut-Off Walls, Dams, Port and Dock Structures Security Wall Structures etc.

FRP Cross Arms

The FRP crossarms are lighter and stronger. They will not rot/corrode and are prone to termites & bird fault. The fiberglass crossarms exhibit an extremely high dielectric strength and contain no hazardous chemicals or pesticides. Most utilities find that the fiberglass crossarms provide the lowest installed cost. Ideal for all types of weather conditions even in coastal & hilly areas.

Fiberglass Supports/Frame For Mounting Solar Panel

FRP is brilliantly light weight, corrosion-resistant and durable. Aeron can meet any requests for FRP Solar Panel Mounting Supports/Frame for rooftop, floor, Pole mounted Installations.

FRP products attain high weather resistance, and can be installed in various environments and suitable to withstand strong winds & are U.V. resistant.

SUCCESS IS ALL ABOUT MAKING RIGHT CHOICES!

WHY AERON

- » DESIGN & ENGINEERING SERVICE
- » CUSTOM SOLUTIONS
- » SHORT DELIVERY PERIOD
- » FABRICATION & ASSEMBLY
- » HIGH QUALITY
- » OPTIMUM INVESTMENT

Grow with us..

Fiberglass
Cable Tray

Fiberglass
Structural Profiles

Fiberglass
Ladder

Trefoil Clamp

Fiberglass
Handrails

Fiberglass
Pultruded Gratings

Fiberglass
Canopy

Fiberglass
Fencing

Fiberglass
Molded Gratings

Fiberglass
Poles & Mast

Aeron®

THE COMPOSITE EXPERT...

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