



Pre Fabricated FRP Huts/Cabins/Office/Guard Rooms

The Pre-Fabricated Structure (Portable) manufactured by **FIBRE CRAFT INDUSTRIES FCI** are of high quality and capable against wind, seismic forces and snow fall, Its covers various application like Site Offices, Site Accommodation, Warehouses, Storage Shed, Sentry Post/Sentry Cabin, Roof Top Accommodation, Hill Cottage, etc.

Erection and Dismantle works easier and can be erected by the skilled/unskilled workers under our supervision/instructions. You may provide specific designs and tracing with proper explanation along with customized dimensions and innovations.

Advantages of Pre-Fabricated FRP Structures

- Robust, Durable Structure build to withstand against strong wind and snow load.
- Sandwich Insulated Panel Provide Sound Comfort and insulation against hot and cold climates.
- It can be mounted on light stilts even on uneven terrain.
- Fire, Weather, Termite, Water and Vermin Resistant.
- Good Thermal Comfort.
- Earth Quake Resistance.
- Easy to transport and install in remote inaccessible areas including hilly terrains.
- Easy to erect, dismantle and re-erect.
- Long life.
- Excellent Aesthetic Look.



www.fcipipes.com





FRP GUARD ROOMS

Main Guard Room (Hut)

Prefabricated Fiber Glass hut suited to all weather conditions prevalent in local atmosphere, with (minimum) 10 years warranty and capable to bear rough handling. Unit should sustain extreme hot and cold weather conditions, to accommodate (minimum) 5 People at one time, easy to assemble, disassemble and stackable to store for longer time.

S.NO.	DESCRIPTION
01	Prefabricated Fiber Glass Guard Room internal size (min) 12' x 14.5' comprising of minimum 5 Panels with ceiling and wall panels. Height of slope roof, rear side 8' and front side 7' (Internal height).
02	Each wall panel exterior shall be made by inbuilt wood texture (manufacturer proprietary techniques) and panel thickness will be 2" ± ¼ ", weight 80 Kg. approximately. Outer surface film to attain wood texture will be of European / USA origins.
03	Wall Panels External Finish shall be inbuilt wooden texture of approver color tone having 1.5" (Approx;)depth sharp edged Fiber Glass Sheet (min) 2.2 mm thick ± 0.5 mm. Fiber glass sheet shall be made by using E-glass mate, woven roving and Poly-ester resin made. The Guard Rooms must be UV stabilized.
04	Internal wall panel made of Fiber glass using Unsaturated Polyester resin, E-glass mat and woven roving; internal panel should be further reinforced by introducing in-build ribs having 2 mm ± 0.5 mm, thickness.
05	The Guard Rooms wall panels shall be insulated with A-Grade Thermo-pole that has to be pasted in the wall panels, thickness 1" to 1.5"; appropriate to proper assembling of stable structure.
06	All four walls panels shall be supported by an appropriate steel frame comprising all top horizontal and vertical members using 1.5" x 1.5", 19 Gauge Pipe and additional reinforcement by using 1 x 1.5" and 1" x 0.5", 19 Gauge to ensure strength and withstand vibration. There should be proper welding for jointing of pipe structure in individual module.
07	Ceiling panels fixed with PU insulation and on both sides Fiber glass sheets of 2 mm ± 0.5 mm thickness made by Polyester based resin & E-glass mat and W.R. Panel internal sheet can be further strengthened by incorporating design ribs.
08	Ceiling panel shall be reinforced by using steel Sq. pipe 1.5" x 1.5", 19 Gauge on all four sides and internal reinforcement by using 1.5" x 1", 19 Gauge steel tubular pipe.
09	Main Entrance Door to be 2.5' x 6.5' ± 5% with supreme quality Door Closer and Door Lock, and three GP hinges with (min) 1" to 1.5" thermo pole insulation, compressed in between External and Internal (min) 2 mm ± 0.5 mm thick Fiber glass Molded Sheets.



www.fcipipes.com



10	3 Windows, 2 to be placed on the back panel and one on front panel, each sized 30" x 30" ± 5% made of (min) 1.5" steel channel (18 Gauge max) with wire Gauze and (min) 5 mm A grade Green Glass.
11	Two bracket fans of 350 mm made by GFC, Royal or Yunis have to be fixed at opposite walls (shorter spans) alongwith one tube light connection with 4 switches and 2 socket (made in China) placed at 3' to 4' height next to the entrance door (internal side). Cable used for wiring and supply will be made by M/s. Pakistan Cable / New Age Cable / Fast Cable or G.M. Cables, cable size / gauge 7/29 or 3/29.
12	2 Power socket (made in China) to be placed at 1' to 2' height on opposite wall.
13	Guard Room's wiring will be done in a ½" duct fixed to inner side of panels in a manner to adjust assembly and disassembly of all the panels.
14	Internal and External finish of panel shall be transmitted by the build-in color using E.U. company Gel Coat. Paint may be applied at certain places like corners to enhance look. In this case paint shall be of I.C.I. or Burger Co.
15	All 4 corners of the unit have grout-able supports (grout-able in ground on site) for installation on site.
16	Assembly / disassemble time should be reasonable. Available with floor and without floor as per customer's requirement.
17	All the aforementioned specifications may vary as long as the broad measurements are to the requirement, the product is visually on the standard, and warranty period of 10 years is ensured.



www.fcipipes.com

POWER-SAFE
Ladders
Reach the Height





FRP FIELD/SITE OFFICE STAND ALONE UNIT



S.NO.	DESCRIPTION
01	Length = 15 ft
02	Width = 10 ft
03	Height = 7 ~ 8 ft
04	Portable Unit in 5 sandwiched panels (04 Walls & 01 Roof)
05	Non-skid floor with FRP Sheet reinforced with MS structure. (Optional); without floor is also available.
06	With floor and stand the complete unit is grouted to 6" in the ground leaving almost 1 ft height from the ground level.
07	Door equipped with lock & Door Closer.
08	Aluminum Glass Sliding window 1Fornt & 1Back
09	MS Structure Sandwiched in Poly Styrene & PU. Foam insulated With FRP Sheet (3mm)
10	Complete Electrical Wiring Along With 02 Bracket Fan points & 02 Energy Savers
11	Exhaust Fan provided.
12	Site office is Installed with Galvanized Allen Key Bolts
13	Designed in multi colors for attractive look. Customers' choice of color is incorporated.



www.fcipipes.com



Reach the Height



THE FIBER GLASS PEOPLE



www.fcimarine.com





FRP BULLET PROOF SECURITY/SENTRY CABIN (Vertical Aligned Texture)



S.NO.	DESCRIPTION
01	Length = 8 ft
02	Width = 8 ft
03	Height = 8 ft
04	FRP Bullet Proof Security Cabin (Sand Filled Walls)
05	Portable Single Unit (Canopy Type Roof)
06	Door equipped with lock
07	Aluminum Tempered Glass Sliding Windows 1Right 1Left & 1 Back 03 Nos.
08	MS Structure along with Thermo-pole & PU. Foam insulated With FRP Sheet(3mm)
09	Complete Electrical Wiring Along With 01 Bracket Fan & 01 Tube Light
10	Designed in multi colors for attractive look. Customers' choice of color is incorporated.
11	Multiple window panels for a complete external view. Location of windows is, as per customers choice



www.fcipipes.com



Reach the Height



THE FIBER GLASS PEOPLE



www.fcimarine.com





FRP BULLET PROOF SECURITY/SENTRY CABIN (Horizontal Aligned Texture)



S.NO.	DESCRIPTION
01	External Dimensions: Length = 8 ft, Width = 8ft, Height = 8ft (Without Canopy)
02	Internal Dimensions: Length = 6' 11", Width = 5' 11", Height = 8' 11" (With Canopy)
03	FRP Bullet Proof Security/Sentry Cabin (Provision of Sand Filled Walls)
04	Portable Single Unit (Canopy Type Roof)
05	01 Nos. Door equipped with Handle & Lock
06	Aluminum Tempered Glass Sliding Windows 1Right 1Left & 1 Back 03 Nos.
07	MS Structure With Double Wall System, outer wall 3mm FRP Sheet & inner Wall MS
08	Complete Electrical Wiring Along With 01 Bracket Fan & 01 Tube Light/Energy Saver
09	Designed in multi colors for attractive look. Customers' choice of color is incorporated.
10	Multiple window panels for a complete external view. Location of windows is, as per



FRP SECURITY CHECK POST



S.NO.	DESCRIPTION
01	Dimension: Length = 4 ft, Width = 4 ft, Height = 7 ft
02	Very specialized ultraviolet resistant Iso-phthalic gel coat is used for outer surface to protect weathering effects of tropical region.
03	E-glass is used for its lamination and Ortho-phthalic resin in matrix.
04	It can be anchored on prevailing concrete floor and just two wires electric connection is desired for illumination.
05	Electric Points provided for Fan, Tube light and an electric socket for computer/Mobile Charging or any other accessories.
06	Portable Single Unit (Canopy Type Roof)
07	01 Nos. Door equipped with Handle & Lock
08	Aluminum Tempered Glass Sliding Windows 1Right 1Left & 1 Back 03 Nos.
09	MS Structure With Double Wall System, outer wall 3mm FRP Sheet & inner Wall MS Sheet
10	A small wall mounted table for office work.
11	Designed in multi colors for attractive look. Customers' choice of color is incorporated.
12	Multiple window panels for a complete external view. Location of windows is, as per customers choice



FIBER GLASS HUT SHAPPED BATH ROOMS IN ONE PIECE

S.NO.	DESCRIPTION
01	Internal Size (min) 4' x 4'
02	Single Side Fiber Glass Wall & Ceiling with tapered roof.
03	Basic Structure to be (min) 0.75" x 0.75", 18 Gauges (max) steel pipes.
04	Base Structure to be (min) 1.25" x 1.25" angle iron of (min) 4 mm thickness.
05	Fiber glass sheet made by using E-glass mate and W.R and Polyester resin. Sheet thickness 2 mm \pm 0.5 mm
06	One (1) Steel ventilator of Aluminum color with (min) 1.33 mm thickness, to be placed on one side of bath for ventilation.
07	Shower Tray with unbreakable fiber glass floor in (min) 4 mm thickness with 2 drains.
08	Fiber glass finished wash basin and Western Commode.
09	Internal better quality branded tape such as Eagle / Sonex or Master.
10	Floor level to be kept 10" \pm 5% high of natural soil level.
11	Total internal height 6.5' + 5%
12	Internal finish to be inlaid textured cloth in fiber glass or UV stabilized white top coat covering.
13	Weight 100 Kg \pm 5% easily transportable.
14	Light connections with spot light holder & energy saver light





FIBER GLASS LUXURY OFFICE CONTAINER



S.NO.	DESCRIPTION
01	Size 20' x 10' x 9'
02	Container walls and ceiling are PU insulated having density of up to 40kg/cm ³
03	Floor deck made of fiberglass material having ceramic like finish.
04	Carpet for the floor (Optional)
05	Two powder coated Aluminum windows with tampered glass arrangement as per exterior finish.
06	Walls & Ceiling with excellent finish.
07	Fiberglass insulated door with automatic door closers.
08	All electrical installation/wiring will be compatible with 250V, 50 Hz.
09	Industrial plugs installed to hook up with the main supply.
10	08 Nos. tube lights mounted on the ceiling (Qty can be changed as per requirement)
11	Pakistan Cables/Newage cable will be used. Wiring is concealed and CLIPSAL switches and sockets are also installed.
12	Main distribution box provided with each container of entire electrical installations.
13	External door will be weather proof incandescent exterior light.
14	Provision for split AC/Reversible unit upto 2 Tons with circuit breaker to control A/C inside container.
15	Container will be fork lifted and crane arrangement as well.
16	Sandwich panel outer door.





FIBER GLASS FIELD WASHROOM



S.NO.	DESCRIPTION
01	Container Internal Size 10' x 8' x 8'
02	Two Indian & One English commode installed separately with proper partition.
03	Two Wash basins installed & One wash basin optional.
04	Carpet for the floor (Optional)
05	FRP Vanity
06	Walls & Ceiling with excellent finish.
07	Fiberglass insulated door with automatic door closers.
08	All electrical installation/wiring will be compatible with 250V, 50 Hz.
09	Fittings & Fixtures of Sonex/Master.
10	One instant water heater.
11	One Exhaust fan for ventilation provided.
12	Complete walls/panels of Fiberglass material inside steel structure.
13	Non-skid, beautiful designed flooring made of fiber glass material; a water friendly material.
14	Light connections with spot light holder and energy saver holder.
15	Mosquito mesh installed on all ventilators.
16	Sandwich panel outer door.





FIBER GLASS TOLL COLLECTION BOOTH



S.NO.	DESCRIPTION
01	Size; (W) 4' x (L) 8' x (H) 8'
02	3 x Aluminum sliding (wheeled type) windows with see through tempered glass.
03	1 X door with fixed window-size, see through glass; at width side.
04	Tubular Steel Structure
05	Precise Aluminum Sliding Windows having Tempered (Safety) Glass
06	FRP Paneling With Thermal Insulation
OPTIONAL ACCESSORIES	
08	Energy Saving Spot/Ceiling Lights
09	Sign; Stop Pay Toll ; LED Lights
10	Split type AC Unit of renowned Brand = 1 ton
11	Bracket fan; of renowned Brand= 1#
12	FRP Table for Two persons to place toll booth accessories.
13	Chairs (Computer /Executive) = 2#
14	Backup Power Supply = 2000W UPS With 200Ah 2# batteries
15	Essential Power Sockets = 6#
16	Electric Wiring & Main Breaker
17	Fiber Glass Floor; non skid top with FRP Grating Floor on steel structure at advised height from the ground.
18	FRP Hard Top Canopy

