World modular cabin brand

Karmod
PREFABRICATED TECHNOLOGIES
Since 1986…
Karmod, with its experience in the sector since 1986 and stable growth is considered today the world leader in modular living cabins. Bringing innovations to the industry through its investments, Karmod’s cabins are today confidently used in about 80 countries around the world. Karmod cabins are produced according to ISO quality standards through a one of its kind conveyor band production system. With their demountable structure Karmod cabins can be transported easily anywhere.

Karmod cabins with their ergonomic design, functional usage are produced taking into consideration equal distribution of raw material in each point. With their high insulated wall panels, glossy surface and detailed solutions their properties are ahead of similar products. Karmod cabins are different with the use of high quality materials and items for windows, doors, electric and water networks and tempered glass.

With their environment-friendly structures Karmod cabins are being used in all areas of life such as security, buffet, worker camp, WC-shower units...etc.
In about 80 countries...
FRP Cabin Technical Specifications

Our FRP cabin system is produced based on 80 kg/m² snow load, 80 km/h wind speed and 1. Degree earthquake conditions.

FLOOR

As a cabin base special shaped single galvanized steel profiles are used. The floor where the cabin will be placed must be even.

Floor covering: As floor covering 16 mm thickness cement board that is odourless and non-flammable and above it 2.5 mm thickness vinyl is placed.

EXTERNAL PANEL

Mould System: Our polyester cabins are produced by means of unique automated technology by pressing polyester inside special shaped steel moulds and inserted in oven with 50 degrees. The solvent gas in the gel coat used in sandwich panel is then subtracted.

Cabin Production System: Our cabins are manufactured from Fiberglass Reinforced Polyester (FRP) and gel coat materials. The polyurethane insulated sandwich panels are dried inside 50 degree oven system. After the special shaped modular panels are screwed and mounted, anti-bacterial neutral silicone is used that protects against water, snow, dust, insects and bacteria and gives the cabin hygienic and long life properties.

Wall Panel Insulation: 35 mm thickness, 42 density Polyurethane foam is injected by means of 140 bar high pressure machine.

INTERNAL PANEL

Special shaped panels are made of fiberglass reinforced polyster and injected hard polyurethane foam. Internal Surface Coating: composite panels are created with special isophthalic acrylic glossy off-white coloured gel coat with FRP (Fiberglass Reinforced Polyester) coating. Wall Insulation: 35 mm thickness, 42 density Polyurethane is injected by means of 140 bar high pressure machine. It provides insulation against heat and sound.

DOORS

White PVC door with 4 hinges. Espagnolette lock is used. Dimensions of external door are 71.5 x 184.5 with 4 mm thickness glass used for top part of the door. Bottom part is PVC paneling. For WC cabins aluminum door is used with top part from frosted glass and bottom with ventilation opening. Doors colour will be white in coloured cabins unless customer requested another colour. As an option aluminum doors can be used.

WINDOWS

Made of powder coated White aluminium profiles. Windows colour will be white in coloured cabins unless customer requested another colour. 4 mm thickness tempered car glass is used that doesn’t harm when broken.

CHASSIS AND ITS COATING

Metal Parts: for dimensions between 150x150 until 270x270 cm chassis is made of 1.5 mm thickness steel profiles. Bigger than 270x270 and for WC chassis all profiles are coated with one layer of rapid primer.

ELECTRICAL INSTALLATIONS

(COLLECTED ON THE INTERNAL CORNER COVER)

Cabins are furnished with TSE (Turkish Quality Standards) certified 3 x 2.5 cables that are hidden inside internal corner. Cabin is equipped with electric key and 2000 W, 220 Volt durable grounded power outlet. First quality TSE certified telephone outlet is mounted in internal corner. 16 A TSE certified first quality automatic fuse is used. First quality TSE certified round shape gloop lighting fixture is used. Earth power sockets, electrical keys and telephone sockets are all from top Turkish TSE certified brands. External connection and residual current circuit breaker are responsibility of customer.
PLUMBING NETWORK (OVER PLASTER)

For Sanitary ware, sink and shower fixtures, top quality TSE certified materials are used. Clean water pipes are PPRC TSE certified high quality brand. For waste water PVC pipes are used.

OPTIONAL ACCESSORIES

Desk, Table, Shelves, sinks, curtains, fans, internal Wall partitions, and WC accessories can be added at extra cost. Please refer to our special applications page.

LIFTING AND SHIPPING

There is metal chassis at the bottom of the cabin for easy lifting by forklift or pallet truck. Please refer to page 30 for loading/unloading section.

WARANTY COVERAGE

KARMOD standard cabins are guaranteed for 1 year against production and assembling faults. Guarantee will not take effect if the Karmod adhesive aluminium label is removed, the product exposed to damage while transported by customer or product exposed to strong impact.

Karmod Prefabricated Buildings Technologies reserves the right to change technical specifications of its cabins.

*Karmod is the only Company that has ÇED (environmental impact assessment) certificate.*
**150x150 Karmod Cabin**

- Height: 240 cm – Internal Area: 2 m²

**150x215 Karmod Cabin**

- Height: 240 cm - Internal Area: 3 m²

**150x270 Karmod Cabin**

- Height: 240 cm - Internal Area: 4 m²
Karmod Cabins

215x390 *Karmod Cabin*

Height: 240 cm - Internal Area: 8.3 m²

270x390 *Karmod Cabin*

Height: 240 cm - Internal Area: 10.5 m²

270x750 *Karmod Cabin*

Height: 240 cm - Internal Area: 20 m²

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Height: 240 cm - Internal Area: 14 m²

270x510 Karmod Cabin

Height: 240 cm - Internal Area: 17 m²

270x630 Karmod Cabin

270x750 Karmod Cabin
Karmod Cabins

390x390 Karmod Cabin
Height: 280 cm - Internal Area: 15 m²

390x510 Karmod Cabin
Height: 280 cm - Internal Area: 20 m²

390x630 Karmod Cabin
Height: 280 cm - Internal Area: 24.5 m²
Karmod Cabins

390x750 Karmod Cabin
Height: 280 cm - Internal Area: 29 m²

390x870 Karmod Cabin
Height: 280 cm - Internal Area: 34 m²

390x990 Karmod Cabin
Height: 280 cm - Internal Area: 38.5 m²
Karmod Cabins

390x1110 Karmod Cabin

Height: 280 cm - Internal Area: 43 m²

390x1230 Karmod Cabin

Height: 280 cm - Internal Area: 48 m²
WC-Shower Cabin

150x150 WC-Shower Cabin

150x270 WC-Shower Cabin

150x390 WC-Shower Cabin

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Disabled WC

Cabin units are manufactured according to customer’s preferences. Easy-to-change piping installation differentiate our cabins from similar products.
Karmod produced cabins to world leading British football team Manchester United to be used as ticket selling booths and security cabins at Old Trafford Stadium.

We installed workers’ work site cabin complex in Eretria.
Karmod cabins are everywhere...

Karmod Executed cabin worker camp in Senegal for gold mining work site.

Karmod produces bread selling kiosks to municipality of Istanbul.
Karmod security cabins offer healthy, spacious interiors and ergonomic living areas.

Healthy, Ergonomic, Comfortable...
A buffet or a market, We produce grocery store booth and newspapers selling kiosks.

Start your Business immediately wherever you like...
Modular building solutions with High insulation, ready to use structure and economic prices for all areas of life...

Modular wide places
In every area of life

Offices, taxi stands, security points, work sites and all areas of life...

Ready living structures...
Details that make the difference with Karmod

- High strength because of full intensity usage of raw materials in standard production
- PVC door system

- Tempered Security Glass System
- Glossy surface, B2 fire retardant system

- Comfortable places with maximum space usage
- PVC flooring

- Separate side outlet channels for WC-Shower cabins
- Main electric connection fuse box

- Can be lifted with forklift
- Door stopper

- Hanger
- After sales support

For easy transportation we produce our cabins with demountable panel system.
Special Applications

- **Air conditioner**
- **Motorized shutters**
- **Curtains**
- **Desk and drawer**
- **Ventilation cap**
- **Adjustable legs**
- **Sliding display door**
- **Alternative door dimensions**
- **Wider door**
- **Trailer**
- **Passing system**
- **Chassis with forklift pockets**
Usage Cautions

1- The place where the cabin will be placed should be even and according to cabin dimensions 10 cm thick concrete slab should be prepared.
2- Cabin shouldn’t be smoked in as it will cause colour yellowing.
3- Concrete slab and assembling are responsibilities of the buyer.

4- Unloading with forklift:

150 cm cabin can be moved using short fork. However for 215 cabin and bigger dimensions long fork is required, otherwise floor cement board can be damaged.

5- Unloading with Crane:

The cabin should be unloaded using oil-free cloth sling. It shouldn’t be unloaded with metal ropes. If unloading with metal ropes is the only way then buffers should be used at contact points in order to avoid any damage.

6- Electric Connection

The junction box at the corner bottom inside cabin should be opened and then with drill a hole should be punctured, then cable should be connected to the junction box by taking pulling it inside through the hole.

7- Pointed objects with heavy weight should not be placed on cabin floor covering.

8- A weight more than 50 kg/m² should not be placed above cabin.

9- Problems that might occur as a result of not complying with the instructions in the product manual or removing the warning labels on the product will not be covered by the warranty.

Maintenance Instructions

1. Cabin interior should be cleaned by wiping with a wet cloth.
2. Cabin Exterior can be cleaned with a brush.
3. Silicone used for sealing should not be removed or pulled out of its areas.

Safety Instructions

1. The cabin should not be in contact with flammable material. Electric heater should not be placed close to panels.
2. A 1 kg fire extinguisher should be kept inside the cabin.
3. An electrical apparatus with more than 16 Ampere should not be used.
4. Whether inside or outside the cabin, the weight hanged should not exceed 10 kg. For weights between 10-20 kg metal leg can be mounted in the cabin and used as hanger. For heavier weights a wooden reinforcement inside wall panels should be placed.

FORKLIFT LOADING - UNLOADING

HAND LOADING - UNLOADING
Karmod is:
World’s largest exporter of cabins,
**We only use CE, ISO or TSE certified materials in our products,**
We delivered 1800 prefabricated housing Project in less than 7 months,
**We are the World leader in production of Polyester Cabins,**
The world football team Manchester United’s Old Trafford Stadium’s security and ticket sales booths were produced by us,
**Our Cabin was chosen at the Belgium Formula 1 track,**
Our cabins were preferred by Istanbul municipality for bread selling kiosks “Halk Ekmek”
**We established the world’s largest prefabricated city in Baghdad-Iraq**
The first company established in prefabricated sector (since 1986) and continuing,
**The first Company in Turkey to export to Burkina Faso in 2004,**
Turkey’s and world’s leading Company in terms of number of countries of export in this sector (75 Country),
**Executed work side buildings for BP Azerbaijan Project that has the world’s largest natural gas reserves,**
The first and so far only company to export containers with dimensions more than 240 cm,
**The first Company in its sector to obtain environment certificate.**