



World's modular
cabin brand



Karmod
PREFABRICATED TECHNOLOGIES
since 1986



From World's Leading Modern Living Cabins Manufacturer...

Today, Karmod is the World's leading modern living cabins manufacturer with its experience in the sector and with steady growth processes since 1986. Karmod, which brings innovations to the sector with investments it has been making, is a strong brand whose products are used safely in more than 120 countries.

Karmod's cabin products opened in a conveyor belt system as the first in the World and produced according to the ISO standards, can be easily shipped to any point through their demountable feature.

Karmod cabin has ergonomically designed plan features in functional usages, and it has superior features than its counterparts with its full-density raw material used in technological production, high insulation wall panels with their shining surfaces and detailed solutions.

It is different with its tempered glass and the use of certified materials with their high quality from door to window, from electricity to water installation.

With its environmentally friendly feature, from security cabins to kiosks, labor camps to WC /Shower units, Karmod Cabin... wherever the life is,



In more than 120 countries ...



Manchester United - Old Trafford Stadium



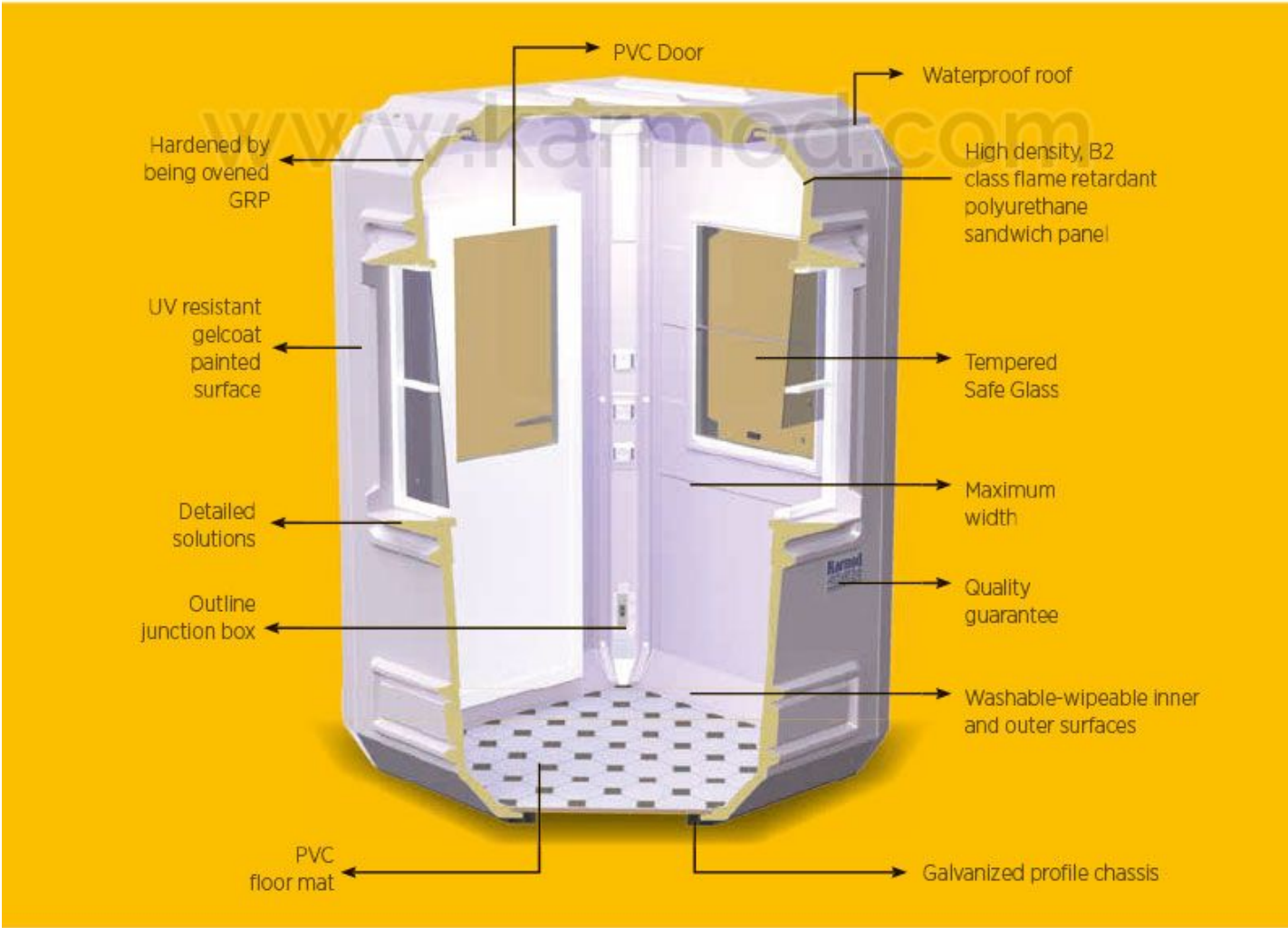
Senegal-Labor Camps



Qatar-Military Camps



Technical Specifications



Technical Specifications

TECHNICAL SPECIFICATIONS

Earthquake Conditions: 1st Degree

Climate Conditions: Turkey Climate Zones

Snow Load: 80 Kg/m²

Wind Speed: 79 Km/Hour (Fixing on the ground is under customer responsibility.)

Chassis Load Capacity: 200 Kg/m²

Metal Materials: SST 37 Galvanized Metal Profile

Sound Insulation: Ts En Iso 11957:2010; Ts En Iso 717-1: 2013 (Dp, W = 13 Db)

Insulation: Ts En 13165 Poliüretan Köpük (Pu)-Yanmazlık Sınıfı "B"

FLOOR

System: The cabin chassis is produced from special galvanized profiles by welding and the cabin is mounted on this chassis. It must be ensured that the floor where the cabin will be placed is level.

Fixing On the Ground Against Wind Speed: Ground fixing device in wind is optional. It is given if the customer requests.

Floor Covering: It is done with the PVC mat covering on surface of the floor made up with the floor panels.

EXTERIOR PANEL

Molding System: It is prepared by pressing in molds specially shaped with steel construction and high quality polyester.

Cabin Production System:

Production is carried out by removing harmful chemical gases from the panel with the oven system on the conveyor and with the automation technology which is unique in the world and Turkey, and special to our company.

Gelcoat is manufactured as double-walled polyurethane sandwich panel by curing in ovens with glass fiber reinforced polyester. Specially designed panels are assembled with their modular structures in customized dimensions by using the screwing technique. It is isolated with the help of silicone and protection from factors such as heat, sound, water, snow, dust, insects is provided.

Outer Surface Coatings: A special gelcoat based on polyester and isophthalic acrylic, resistant to outer atmosphere and ultraviolet rays of the sun is used. It is anticorrosive, washable, rustproof and rotproof.

Inner Surface Coatings: A special gelcoat based on polyester and isophthalic acrylic, resistant to outer atmosphere and ultraviolet rays of the sun is used. It is anticorrosive, washable, rustproof and rotproof.

Outer Panel Insulation: A panel with an average density of 42 density is produced by injecting polyurethane foam with 140 bar high pressure machines.

GENERAL FEATURES

Inner and outer surfaces of Karmod Cabin's special wall panels are manufactured using neon off-white (fluorescent) color gelcoat material in a standard way, resistant to ultraviolet rays of the sun at +60 degrees and cold to -50 degrees.

Due to the characteristics of the material used, there can be a $\pm 2\%$ tolerance in the product dimensions. External and internal panels are suitable for atmospheric conditions and have anticorrosive properties. It is washable, rustproof, rotproof and it is easy to clean.

ROOF

Roof System: It is manufactured from glass fiber reinforced polyester (GRP) material as double-walled polyurethane sandwich panel.

Specially shaped roof panels are joined to the wall panels with a montabent screw and then isolated with antibacterial silicone. Thus, a

hygienic appearance is obtained thanks to protection provided against water, snow, dust and bacteria.

Roof Insulation: A GRP composite panel is obtained by injecting 42 density polyurethane foam into roof panels.

Inner Surface Coatings: A off-white (fluorescent) colored special gelcoat based on polyester and isophthalic acrylic, resistant to outer atmosphere and ultraviolet rays of the sun is used.

Outer Surface Coatings: A off-white (fluorescent) colored special gelcoat based on polyester and isophthalic acrylic, resistant to outer atmosphere and ultraviolet rays of the sun is used.

DOORS

Exterior Door:

It is a white PVC door and has an espagnolette lock. In the upper part, 4 mm thick door glass is used. Bottom of the door is covered with PVC paneling. Unless otherwise requested by the customer in colored cabins, the door color will be white.

WINDOWS

Window:

It consists of electrostatic powder painted white aluminum profile frames. Unless otherwise requested by the customer in colored cabins, joinery color will be white.

Glass: In the window glasses of the cabin, tempered glass (auto glass), which is resistant to breakage and does not harm the user, is used.

ELECTRICAL INSTALLATION

Cable: In the inner corner covering, flush mounted electrical installation has been made using TSE certified cable.

Electrical switch and 2000 W 220 volt durable grounding plugs are laid on. Telephone plug is optional, it can be installed according to customer demand.

Fuse: 16 A TSE certified fuse automat is used.

Lighting Fixture: TSE certified globe is used according to the size of cabin.

Sockets and Switches: TSE certified sockets and switches are used.

SANITARY INSTALLATION (SURFACE MOUNTED)

Sanitaryware: TSE certified sanitaryware materials are used.

Clean Water Pipes: TSE certified PPRC featured clean water pipes are used.

Waste Water Pipes: TSE certified PVC featured waste water pipes are used.

OPTIONAL ACCESSORIES

Desk, shelf system, worktop and sink, blinds, shutter, motorized shutter, air conditioner, ventilation fan, wall grille, roof hatch, top of roof, automatically controlled aluminum door, reinforced floor, laminate parquet, ceramic or granite tile floor coverings, aluminum door, pvc window systems, double-glazing windows, vinyl advertising facade coatings, WC, Shower.

Note: For details, please get information from Sales Executives.

TRANSPORT AND PLACING

The instructions in the forklift transport scheme must be followed. If it is desired to be transported by crane, it should be transported by using soft and oil free cloth ropes. The vehicle must approach to place where the cabin will be placed.

FIXING CABIN ON THE GROUND

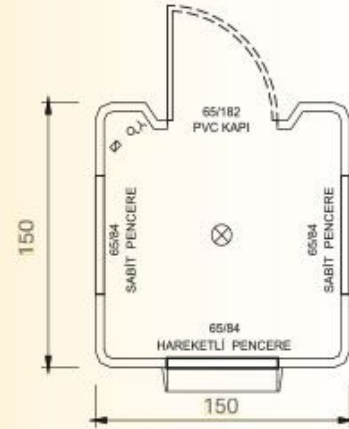
Lift off the floor PVC mat from its corners and unscrew the plugs of the slots. Screw the M12 steel dowel bolts to the concrete floor with the help of a drill. Close the plugs of the slots and restore the flooring.

Karmod Prefabricated Building Technologies Has the Right to Make Changes in Technical Specifications.

Karmod Cabins



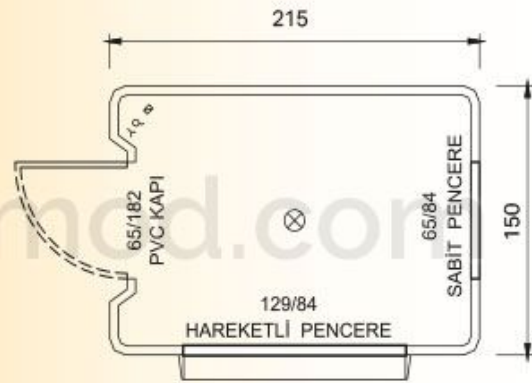
150x150 Karmod Cabin



Height: 240 cm - Inside Area: 2 m², Weight: 280 kg



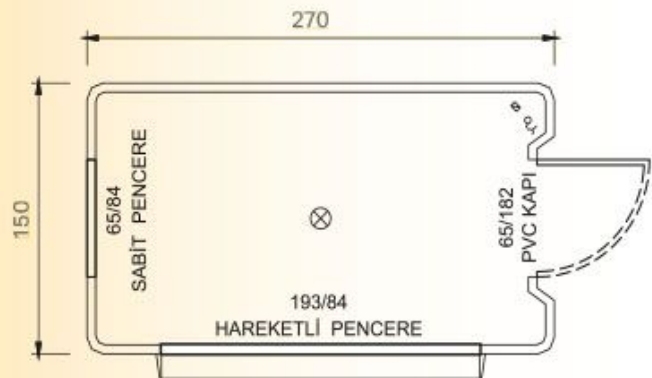
150x215 Karmod Cabin



Height: 240 cm - Inside Area: 3 m², Weight: 350 kg

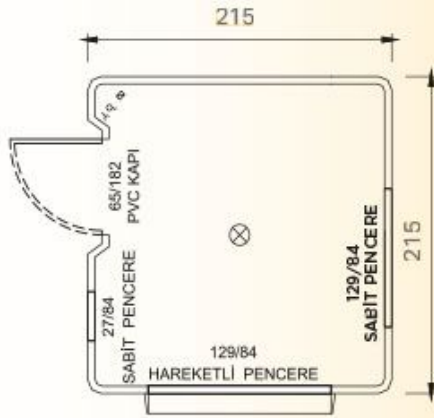


150x270 Karmod Cabin



Height: 240 cm - Inside Area: 4 m², Weight: 400 kg

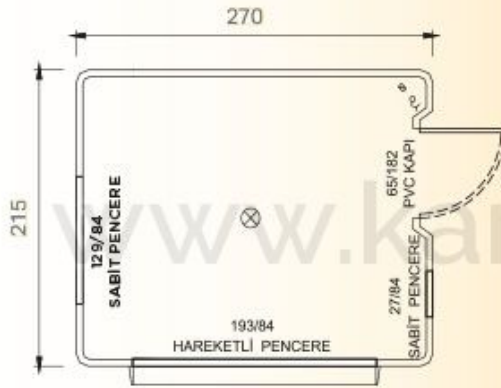
Karmod Cabins



Height: 240 cm - Inside Area: 4.5 m², Weight: 450 kg



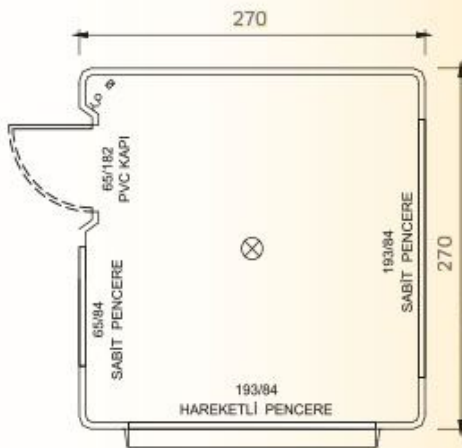
215x215 Karmod Cabln



Height: 240 cm - Inside Area: 5.5 m², Weight: 550 kg



215x270 Karmod Cabln



Height: 240 cm - Inside Area: 7 m², Weight: 750 kg

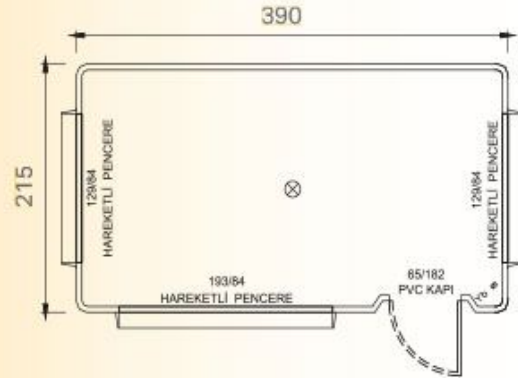


270x270 Karmod Cabln

Karmod Cabins



215x390 Karmod Cabln



Height: 240 cm - Inside Area: 8.3 m², Weight: 800 kg



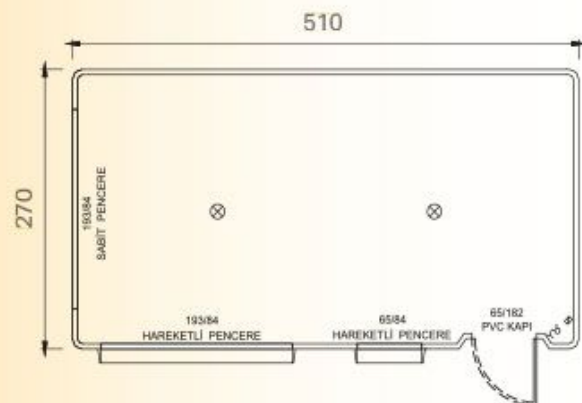
270x390 Karmod Cabln



Height: 240 cm - Inside Area: 10.5 m², Weight: 850 kg



270x510 Karmod Cabln



Height: 240 cm - Inside Area: 147 m², Weight: 1000 kg

Karmod Cabins

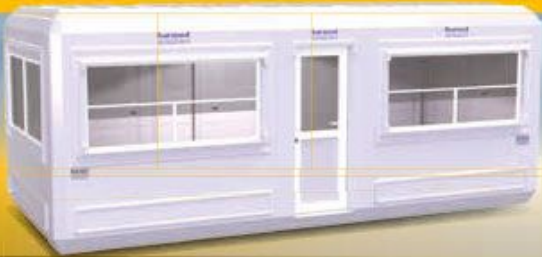
The choice of the Champions Karmod Cabin...

Karmod is the choice of the world's biggest football clubs with its stores and ticket sales cabins.

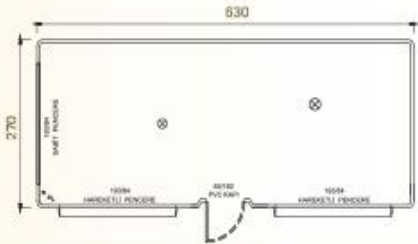


www.karmod.com

Karmod Cabins



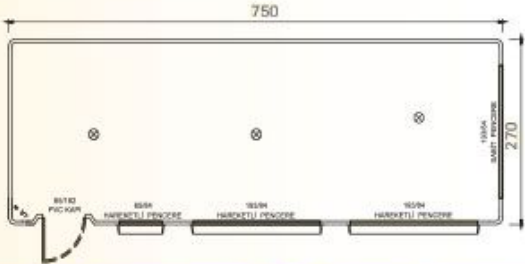
270x630 Karmod Cabin



Height: 240 cm - Inside Area: 17 m², Weight: 1150kg



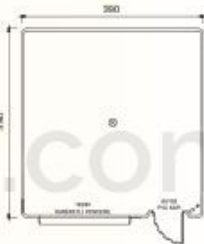
270x750 Karmod Cabin



Height: 280 cm - Inside Area: 20 m², Weight: 1300 kg



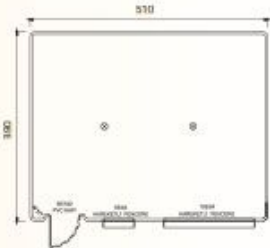
390x390 Karmod Cabin



Height: 280 cm - Inside Area: 15 m², Weight: 1150 kg



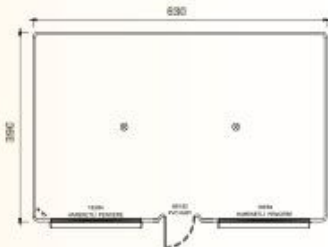
390x510 Karmod Cabin



Height: 280 cm - Inside Area: 20 m², Weight: 1450 kg

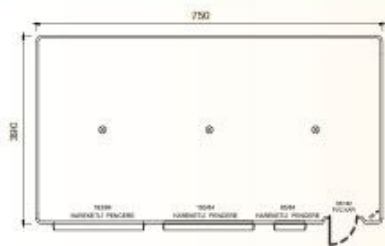


390x630 Karmod Cabin



Height: 280 cm - Inside Area: 24.5 m², Weight: 1650 kg

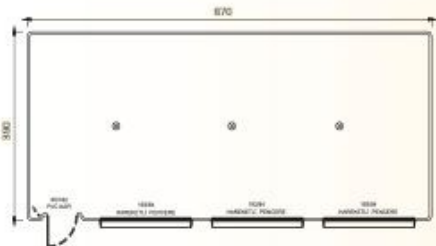
Karmod Cabins



Height: 280 cm - Inside Area: 29,2 m², Weight: 1850 kg



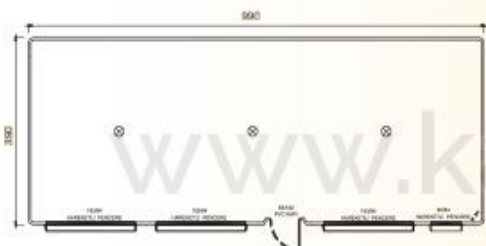
390x750 Karmod Cabln



Height: 280 cm - Inside Area: 34 m², Weight: 2000 kg



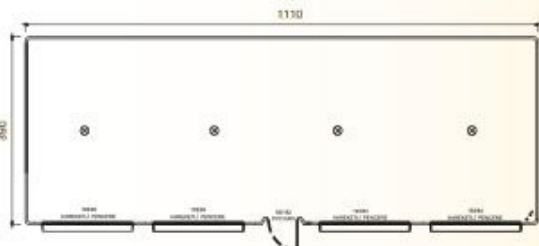
390x870 Karmod Cabln



Height: 280 cm - Inside Area: 38,6 m², Weight: 2150 kg



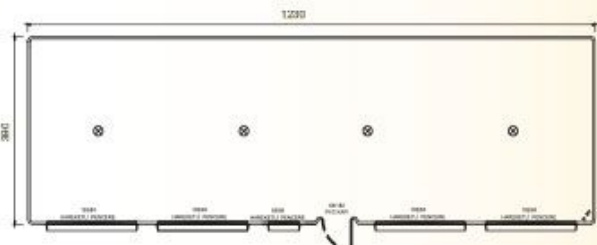
390x990 Karmod Cabln



Height: 280 cm - Inside Area: 43 m², Weight: 2300 kg



390x1110 Karmod Cabln



Height: 280 cm - Inside Area: 48m², Weight: 2450 kg

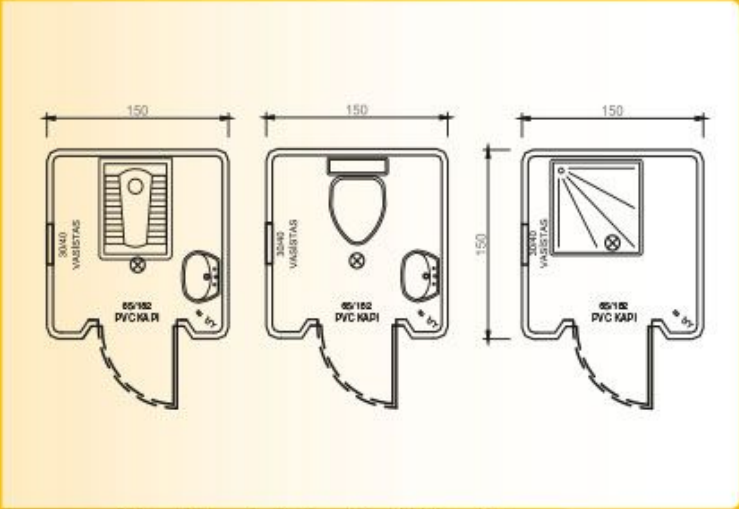


390x1230 Karmod Cabln

Karmod WC-Shower Cabins



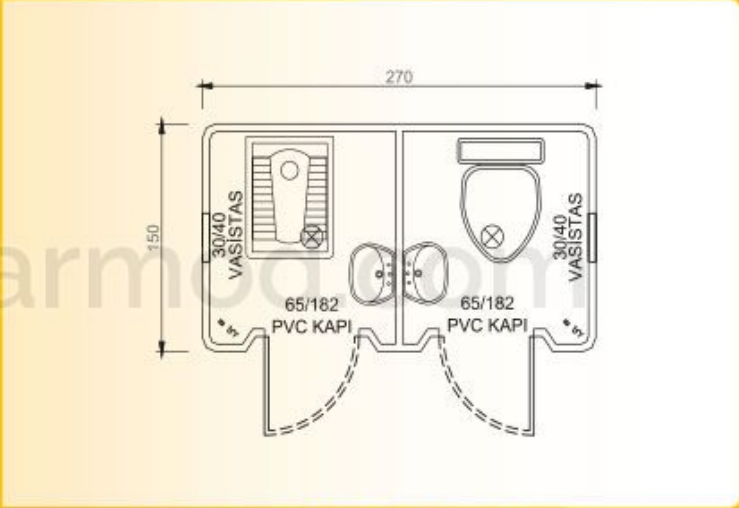
150x150 WC-Shower Cabln



Height: 225 cm - Inside Area: 1.4 m², Weight: 110 kg



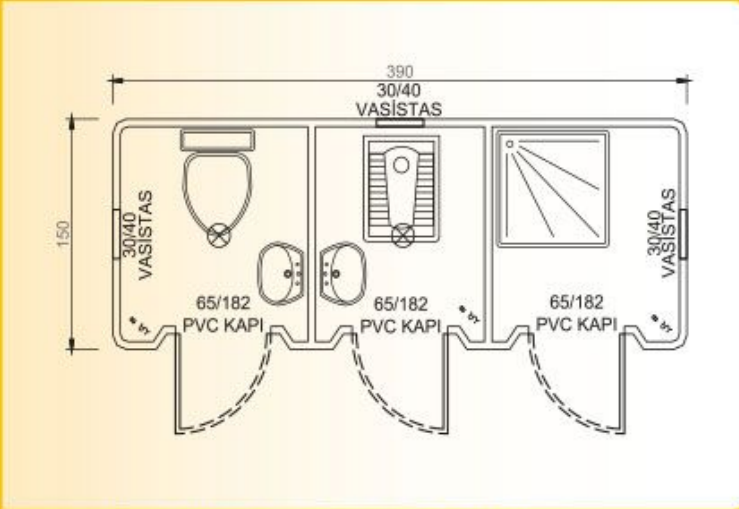
150x270 WC-Shower Cabln



Height: 225 cm - Inside Area: 4 m², Weight: 650 kg

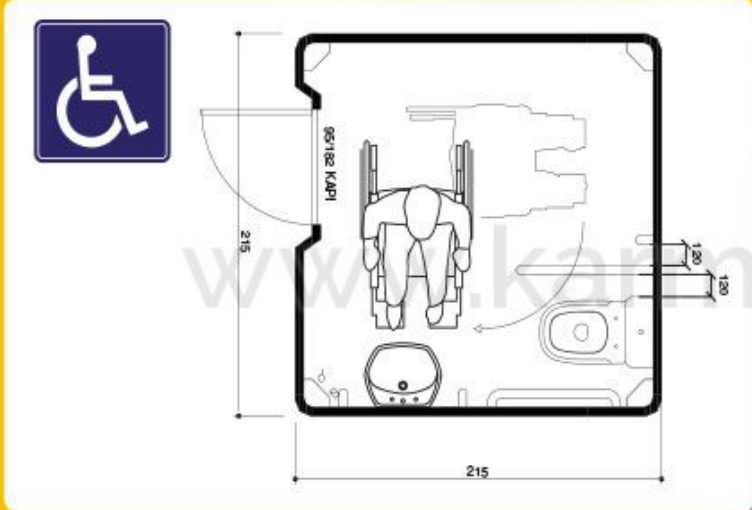


150x390 Karmod Cabln



Height: 240 cm - Inside Area: 5.8 m², Weight: 600 kg

Karmod WC-Shower Cabins



Cabin units are produced according to customer preferences. They are different from its counterparts with its easily changeable installation.



From Europe to Africa...

KARMOD produced the security and ticket sales cabins of the world's leading football teams. Manchester United - PSG - Barcelona...



Karmod
PREFABRICATED TECHNOLOGIES
since 1986



We established a labour camp complex in Eritrea by using Karmod Cabins.

Karmod cabin is everywhere...

Karmod established a gold mine labour camp in Senegal, Africa.



Karmod manufactures Istanbul Public Bread cabins.



Security Cablins



Healthy,
Ergonomic,
Comfortable...

Karmod offers ergonomic living spaces in its security cabins with its healthy and spacious interior.



Start earning right now wherever you want.

We produce ready-made sales cabins from kiosks to markets, greengrocers to newsagents.



Karmod Cabins



Wide and Comfortable Spaces...

Modular building solutions in all aspects of the life with high insulation, ready-to-use structure and economical price...



Where the life is...

Ready-made buildings for the life...

From offices to taxi stands, security points to construction sites, in all aspects of the life...



Details That Make Karmod Distinguished



High Thermal Insulation
(provides insulation even at
temperatures of -50 and +60
degrees.)



Production quality
complying with
EU Standards





www.karmod.com



B2 Flame
Retardant
Characteristic



High sound
insulation in the
noise of the city



Long-lasting
non-yellowing surfaces
resistant to UV rays



Full density
material usage
High strength

Customary Applications



Air Conditioning



Motorized Shutter



Jalousie



Desk and Drawer



Ventilation Hatch



Adjustable Feet



Sliding Door



Alternative Door Sizes



Wider Door



Trailer



Transitive System



Forklift Transport Chassis

Points To Consider When Using Cabins

Points To Consider When Using Cabins

- 1- The floor where the cabin will be placed must be level, and there must be a concrete floor with a thickness of at least 10 cm suitable for the cabin dimensions.
- 2- Smoking should not be allowed in the cabin to prevent yellowing.
- 3- When requested, the floor concrete and assembly belong to the buyer.
- 4- The cabin must be fixed to the concrete floor by the buyer.
- 5- Unloading with forklift: 150 cm edge can be lifted with a small fork. But for cabins with a short side of 215 or more, a long fork is required. Otherwise, the ground concrete may be damaged.

6- Unloading by crane:

It should be unloaded with oil-free cloth rope. It should not be unloaded with a steel rope. If unloading with a rope is necessary, the cabin should be prevented from being damaged by placing a buffer on the places where the cabin is contacted with the rope.

7- Electrical connection

The connection must be made in the junction box, taking in the cable coming from outside by opening the junction box in the bottom corner of the cabin and making a hole with a drill. Electrical appliances over 220V should not be used in the cabin.

8- No pointed load should be placed inside the cabin, which may damage the floor covering.

9- No load should be placed on top of the cabin.

10- The product will be out of the scope of warranty in case of any negativity that may occur as a result of removing the warning label on the product and not complying with the points specified in the manual. Maintenance Instructions

- 1- The interior of the cabin should be cleaned by wiping with a wet cloth.
- 2- The outer parts of the cabin can be cleaned by washing with a brush.
- 3- If the silicone areas of the cabin are abraded, silicone must be applied.

Safety Instruction:

- 1- The cabin should not be in contact with flammable materials. The electric heater should be used without getting close to the panels.
- 2- There should be 1 kg fire extinguisher in the cabin against fire.
- 3- Electrical devices exceeding 16 amps should not be used.
- 4- No device should be installed inside or outside the cabin. No material weighing more than 10 kg should be hung on the hanger in the cabin. For 11-20 kg, a metal leg is mounted on the cabin and they can be hung on it. For heavier loads, it is used with wood reinforcement made between the panel and the wall.



PANEL CABINET



Technical Data

Panel Cabin Technical Constructions

TECHNICAL DATA

PRODUCTION DIMENSIONS PROFILE

ALL DIMENSIONS Can be tolerated as $\pm 5\%$

TECHNICAL DATA

Earthquake Conditions: 1st Degree Polystyrene Foam (EPS) TS EN 13163
DIMENSIONS

In the technical drawing attached to the contract, the dimensions of the ordered product are specified.

Metal Materials ST 37 GALVANIZED METAL PROFILE

ALL DIMENSIONS can tolerate $\pm 5\%$.

TECHNICAL DATA

Earthquake Conditions: 1st Degree Polystyrene Foam (EPS) TS EN 13163

Climate Conditions: 3rd climate zone

External Wall Heat Conduction Coefficient: 0.46 W / m²K

Snow Load: 80 Kg / m²

Roof Heat Conduction Coefficient: 0.26 W / m²K

Wind Speed: 80 Km / Hour (Provided that the cabin is fixed to the ground)

Floor Heat Conduction Coefficient: 1.24 W / m²K

Ground Load Capacity: 200 Kg / m²

FLOOR

System: The floor is applied on steel construction and galvanized single-piece box profiles. The ground to be placed must be level. It must be fixed on the ground against wind speed. In the wind, the ground fixing device is optional. It is given if the customer requests it at the time of the contract.

Cover: The base cover, surface of floor cladding panel, is covered with PVC floor mat coating.

WALL

System: The assembly is done by connecting specially shaped EPS sandwich panels to the corner posts.

Outer Surface Coating: Outer surface coatings, RAL 9002 ELECTROSTATIC PAINTED SHEET

Inner Surface Coating: Inner surface coatings, RAL 9002 ELECTROSTATIC PAINTED SHEET

Wall Insulation: It is made with E fire resistance class, heat insulated, healthy and safe materials, using 40 mm thick polystyrene foam (EPS).

ROOF

System: The new system has a trapezoidal roof and glass wool insulation. A double-walled GRP roof panel with 42 density polyurethane foam can be used in 135X135 and 135X210 dimensions.

Outer Surface Coating: Natural Trapeze

Internal Surface Coating: PVC paneling

DOORS

The outer door is PVC door with special hinged espagnolette lock in white color.

TSE certified locks and special door handles are used.

WINDOWS

The window consists of electrostatic powder painted white aluminum profile frames. 4 mm thick tempered glass (auto glass) is used on the windows of the cabin.

PAINTS

Exterior and Interior Wall

RAL 9002 ELECTROSTATIC PAINTED SHEET

Corner Connection Bracket: RAL 7043 (Patented 3-joint brackets can be used in 135X135 and 135X210 cabins.)

Corner Post: RAL 1019 electrostatic powder coated sheet (in 135X135 and 135X210 cabins, corner posts can be Extruded PVC RAL 7043 color.)

ELECTRICAL INSTALLATION

System: Surface Mounted Cable

NYM TSE certified cables are used for sockets and lighting.

Lighting: TSE certified fixtures are used. Telephone socket and data are optional.

SANITARY INSTALLATION

System: Surface Mounted Sanitaryware

Ceramic toilet, acrylic one piece ground stone is used. Ceramic ground stone is optional. TSE certified products are used.

Shower Tray: Acrylic based. TSE certified products are used.

Clean Water Installation: TSE certified PPRC featured materials are used.

Waste Water Installation: TSE certified PVC featured materials are used.

Accessories: TSE certified materials are used in products such as mirrors, hangers, metal paper holders, plastic liquid soap.

WC-Shower Ventilation: Grilles are used as shower and WC ventilation.

OUTER CONNECTIONS

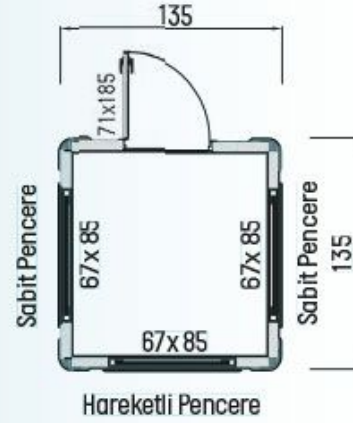
It is the customer's responsibility to lay concrete more than 20 cm above the cabin dimensions, to install the cabin on the ground, and to make electricity, clean water and waste water connections.

Karmod Prefabricated Building Technologies Has the Right to Make Changes In Technical Specifications.

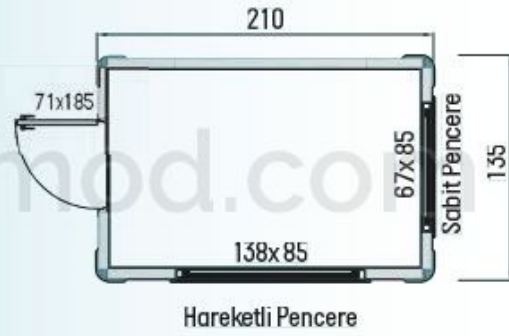
Karmod Panel Cabins



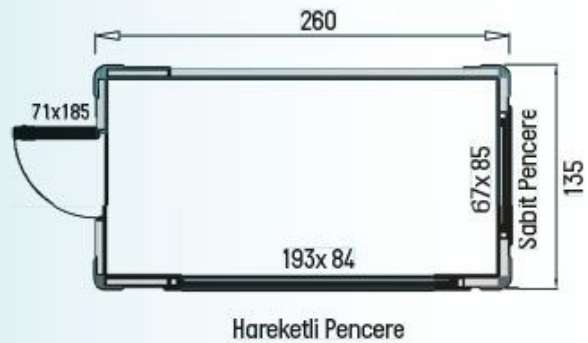
135x135 Extrusion Panel Cabin



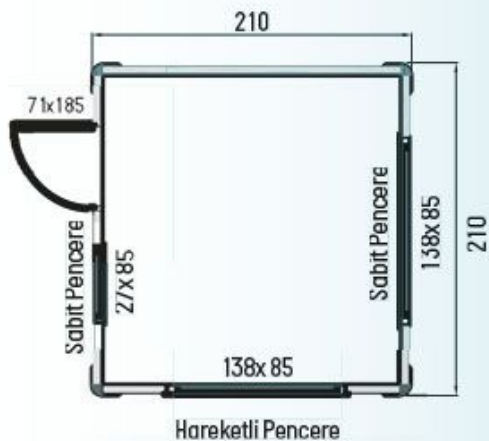
135x210 Ekstrüzyon Panel Kabin



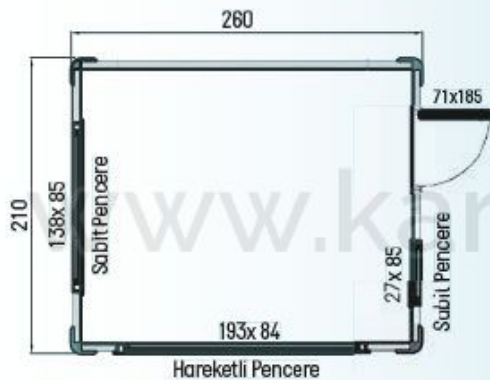
135x260 Panel Cabin



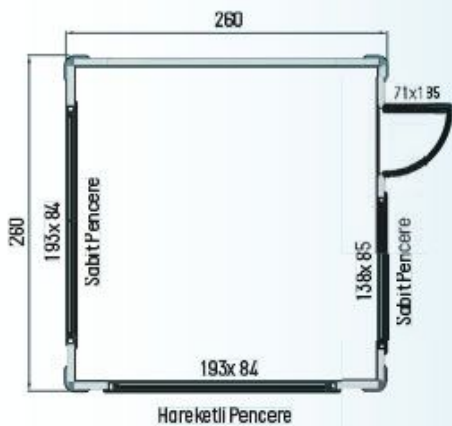
Karmod Panel Cabins



210x210 Panel Cabin



210x260 Panel Cabin

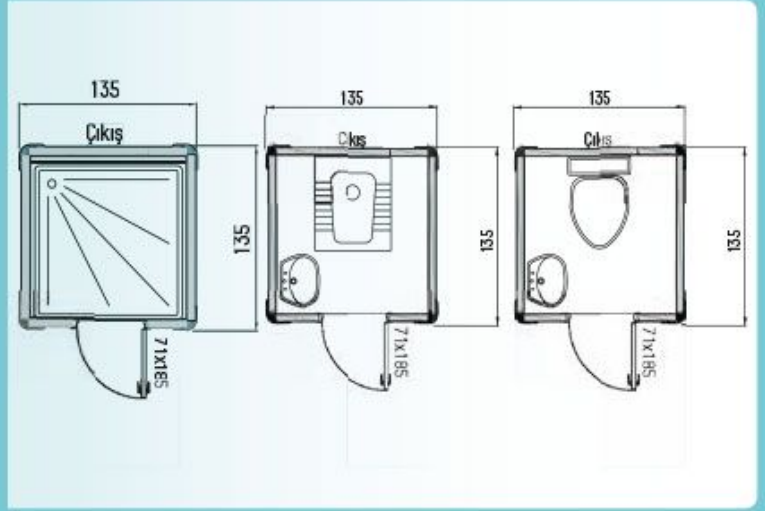


260x260 Panel Cabin

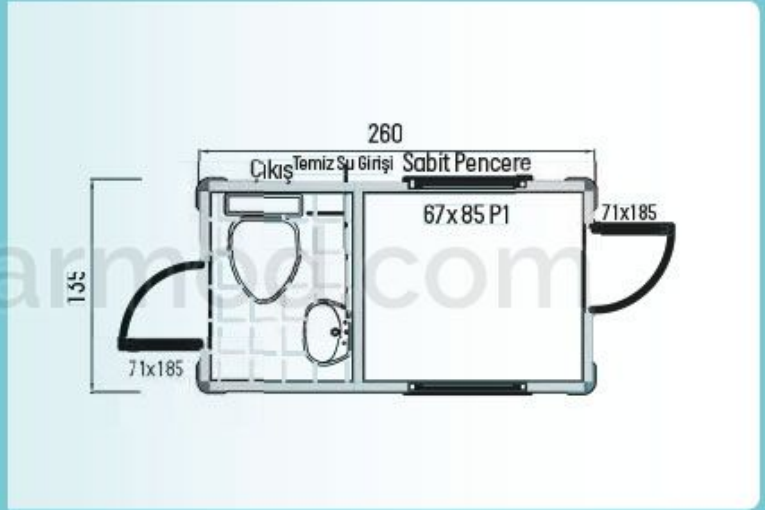
Karmod Panel Cabins



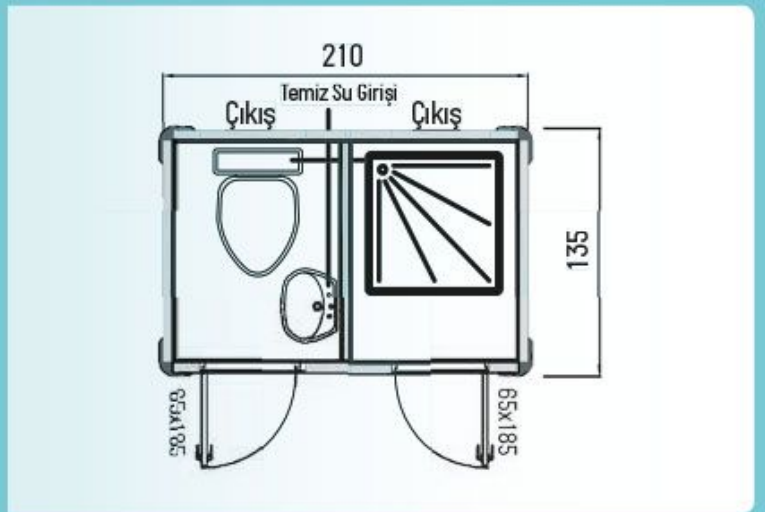
135x135 Panel Cabin Shower



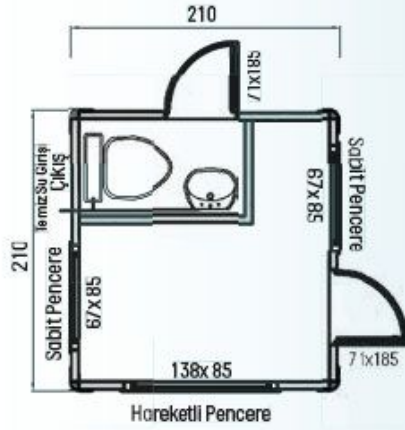
135x210 Panel Cabin + WC



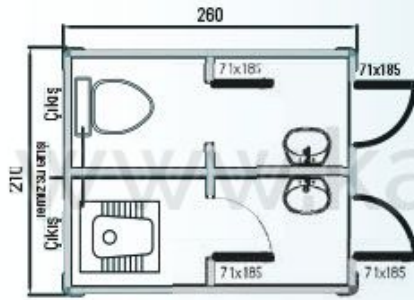
135x260 Panel Cabin WC + Shower



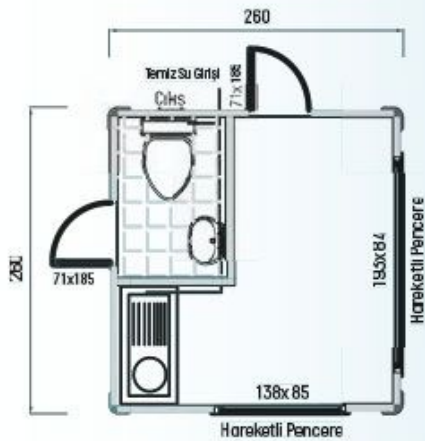
Karmod Panel Cabins



210x210 Panel Cabin + WC

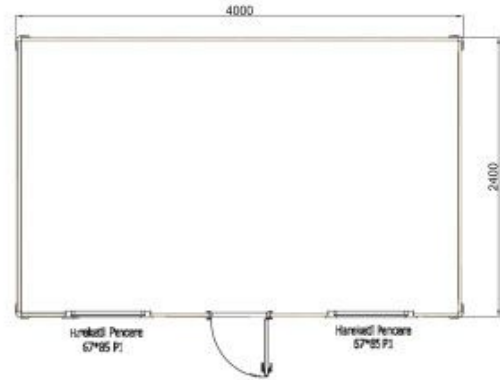


210x260 Panel Cabin



260x260 Panel Cabin

Karmod Panel Cabins



240x400 Panel Cabin

Living spaces in an ergonomic plan with functional usage

It does not rust and its maintenance is very easy. It has an easy-to-clean feature.



Karmod Panel Cabins

**It does not rust and
its maintenance is very easy.
It has an easy-to-
clean feature.**

It provides high heat and
sound insulation with its
specially produced wall
and roof system.



Panel Cabins



Practical solutions to different needs...

Karmod panel cabins are environmentally friendly. They offer practical building solutions for many different needs.



Cement Kabin

Cement Cabin is at shopping malls, mass housing areas, villas, security points.
It is everywhere that requires high security, with 150x150 and 150x270 dimensions





5000 - 0112019

Karmod
PREFABRICATED TECHNOLOGIES
since 1986

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