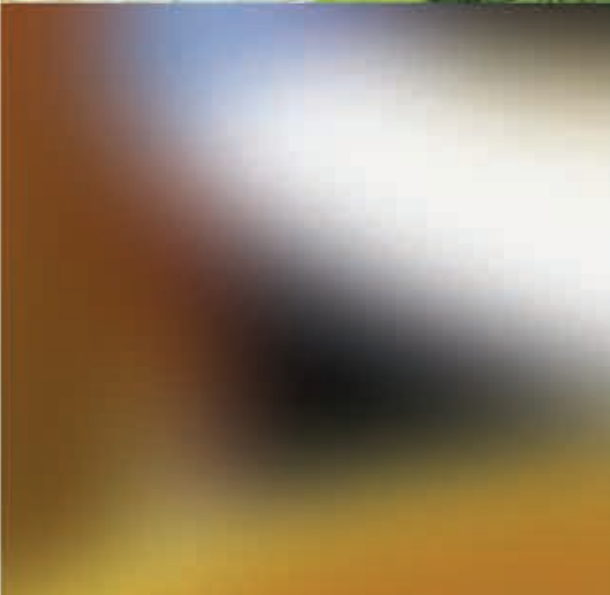




Karmod
PREFABRICATED TECHNOLOGIES

Modular Houses Specialists



Karmod
PREFABRICATED TECHNOLOGIES

www.karmod.com



Aesthetic,
comfortable
new designs
for you.

Karmod, the prefabricated houses specialist, is pleased to present its modular houses catalogue with professional, innovative and modern houses plans and designs

When designing our new houses models, we took into consideration the feedback we received from our customers.

Our new houses designs are prepared by professionals with aesthetic and modern appearance in addition to comfortable and functional plans.

At Karmod, we strive to keep our customers satisfied through offering high quality comfortable houses with aesthetic designs. Our houses are produced within modern facilities through seamless production technology that uses bolts and nuts only without welding.

Yıldız 49 m ²	4
Çırağan 51 m ²	6
Beylerbeyi 61 m ²	8
Topkapı 71 m ²	10
Ayasofya 73 m ²	12
İshakpaşa 75 m ²	14
Tophane Kasrı 82 m ²	16
İhlamur Kasrı 86 m ²	18
Beykoz Kasrı 87 m ²	20
Ayazağa Kasrı 88 m ²	22
Hidiv Kasrı 94 m ²	24
Küçüksu Kasrı 96 m ²	26
Aynalıkavak Kasrı 97 m ²	28
Göksu Kasrı 98 m ²	30
Gülhane Kasrı 102 m ²	32
Çağlayan Kasrı 105 m ²	34
Nispetiye Kasrı 107 m ²	36
Sadabad Kasrı 126 m ²	38
Hünkar Kasrı 149 m ²	40
Çinili Köşk 91 m ²	42
Malta Köşkü 112 m ²	44
Huber Köşkü 114 m ²	46
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Beyaz Köşk 130 m ²	54
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Single Storey Prefab House



49m²

Yıldız

Single Storey Prefab House

49m²



2+1



Make your life different..

Single Storey Prefab House



51 m²

Çırağan

Single Storey Prefab House



51 m²



1+1



Do not delay your dreams anymore..

Single Storey Prefab House



61 m²

Beylerbeyi

Single Storey Prefab House



61m²

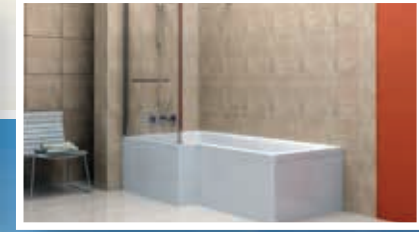


2+1



Living spaces full of happiness

Single Storey Prefab House



10



Topkapi 71 m²

Single Storey Prefab House



71 m²



2+1



It is the house you are searching...

Single Storey Prefab House



73m²
Ayasofya

Single Storey Prefab House

73m²

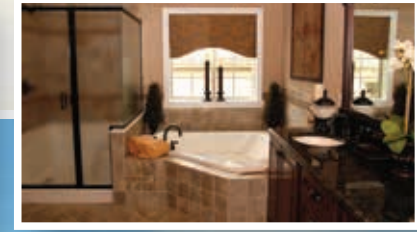
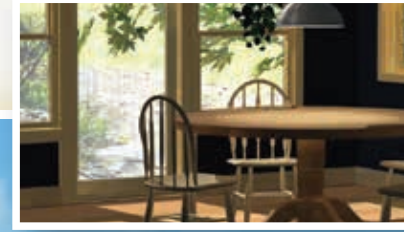


2+1



Production Technology you can trust

Single Storey Prefab House



75m²
İshakpaşa

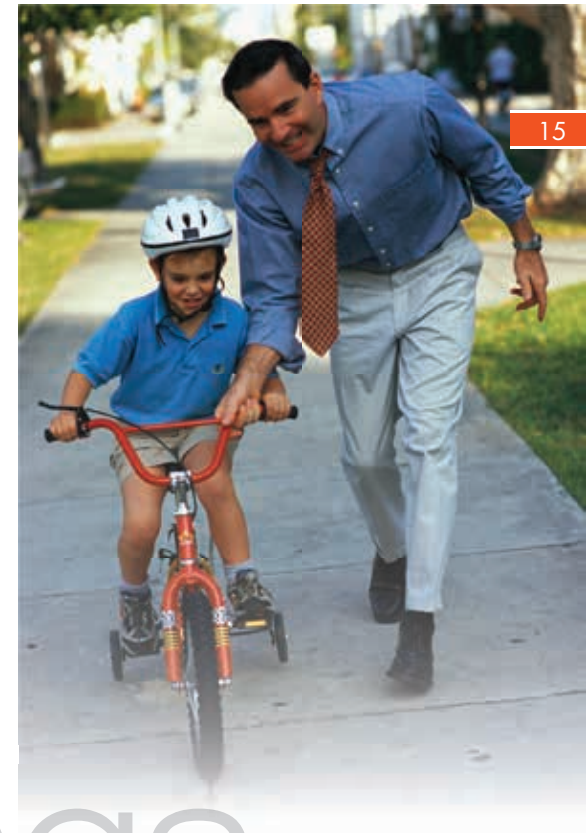
Single Storey Prefab House



75m²



2+1



Aesthetic buildings.

Single Storey Prefab House



82m²

Tophane Kasrı

Single Storey Prefab House



82m²

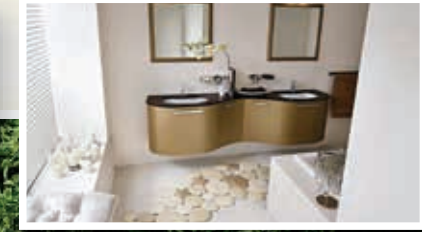


2+1



For love, peace and happiness

Single Storey Prefab House



86m²

Ihlamur Kasrı

Single Storey Prefab House

86m²



2+1



It is designed for your happiness

Single Storey Prefab House



87 m²

Beykoz Kasrı

Single Storey Prefab House

87 m²



2+1



Will keep you happy in every season

Single Storey Prefab House



88 m²

Ayazağa Kasrı

Single Storey Prefab House

88 m²



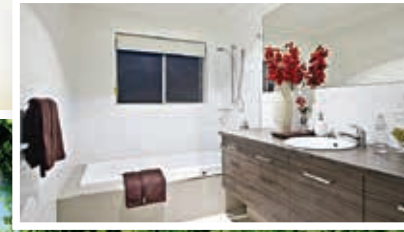
23

3+1



You can find the happiness in this house

Single Storey Prefab House



94m²

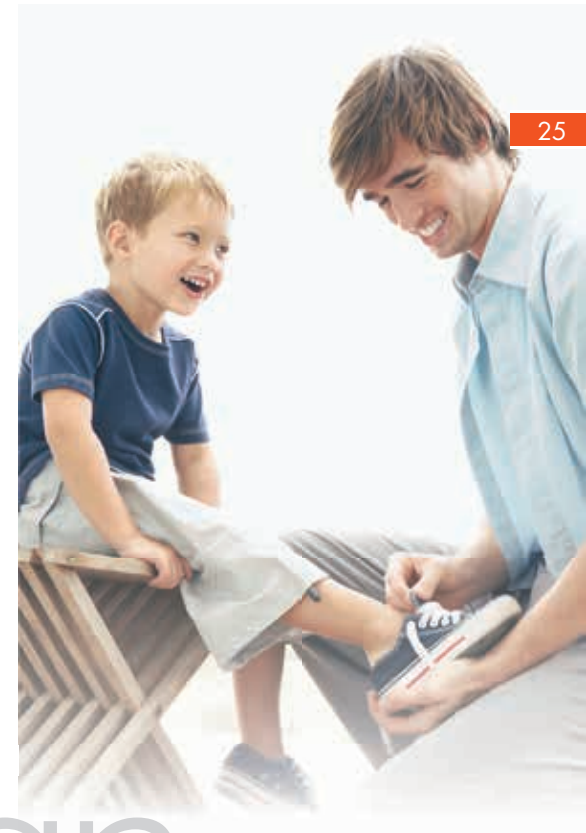
Hidiv Kasrı

Single Storey Prefab House

94m²



3+1



Functional design

Single Storey Prefab House



96m²

Küüksü Kasrı

Single Storey Prefab House

96m²



3+1



You will find the comfort you are searching

Single Storey Prefab House



97 m²

Aynalıkavak Kasrı

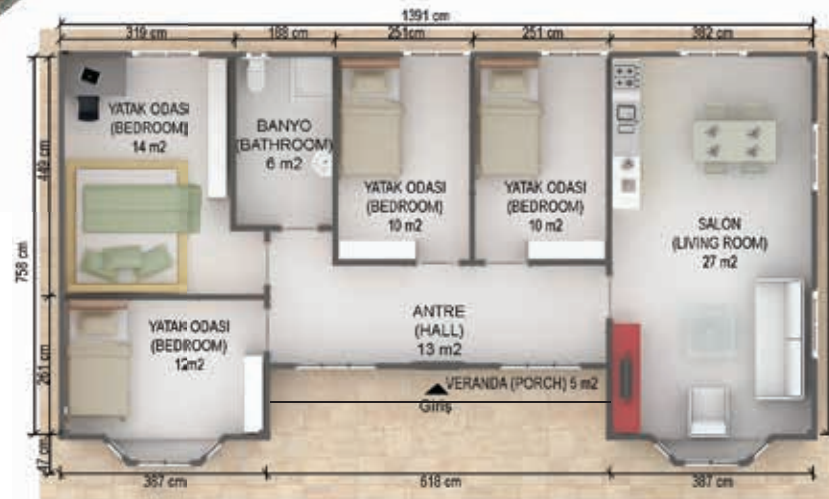


Single Storey Prefab House

97 m²

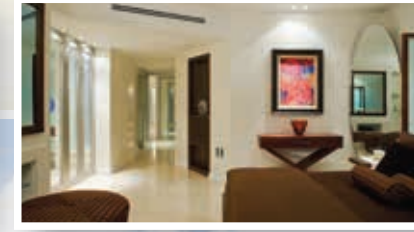


4+1



Modern buildings for your life

Single Storey Prefab House



98 m²

Göksu Kasrı

Single Storey Prefab House



98m²



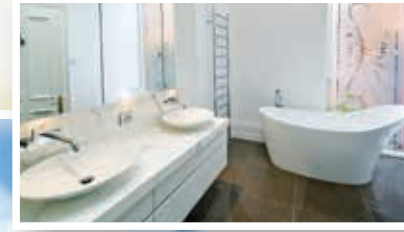
3+1



31

You will find the peace you are searching

Single Storey Prefab House



102 m²
Gülhane Kasrı

Single Storey Prefab House



102 m²

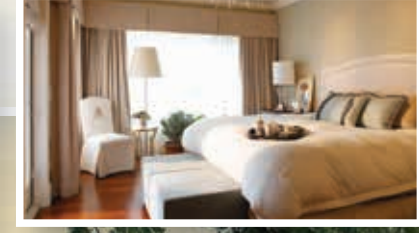


3+1



Enjoy being independant

Single Storey Prefab House



105m²
Çağlayan Kasrı

Single Storey Prefab House



105m²



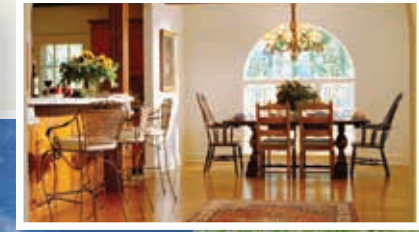
3+1



35

Designs that create difference

Single Storey Prefab House



107 m²

Nispetiye Kasrı

36

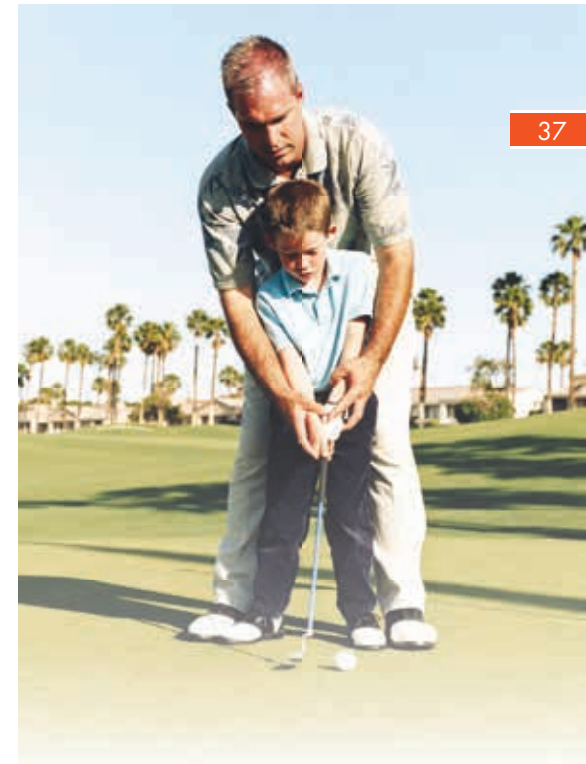
Single Storey Prefab House



107 m²



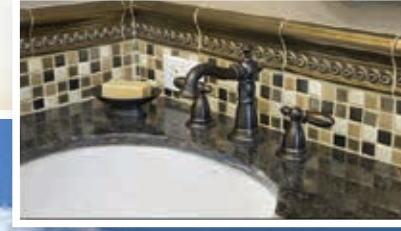
3+1



37

For happy and relaxing environment

Single Storey Prefab House



126m²

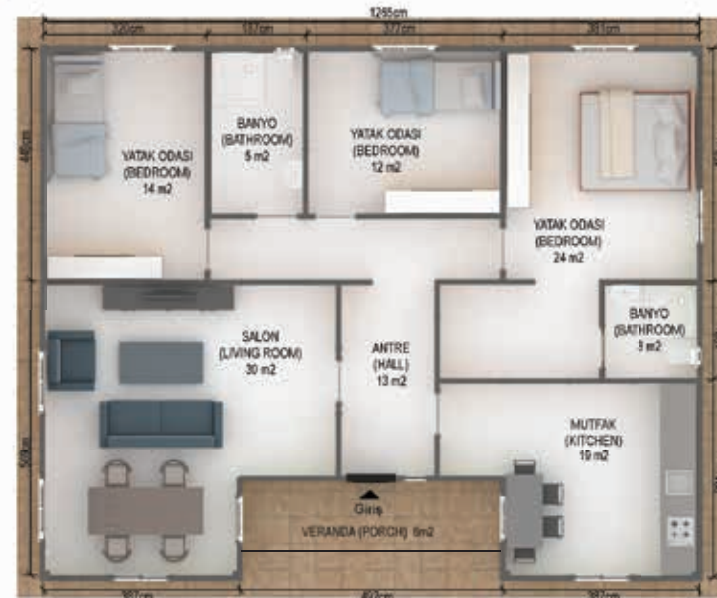
Sadaboat Kasrı

Single Storey Prefab House

126m²



3+1



A new living culture

Single Storey Prefab House



149m²

Hünkar Kasrı

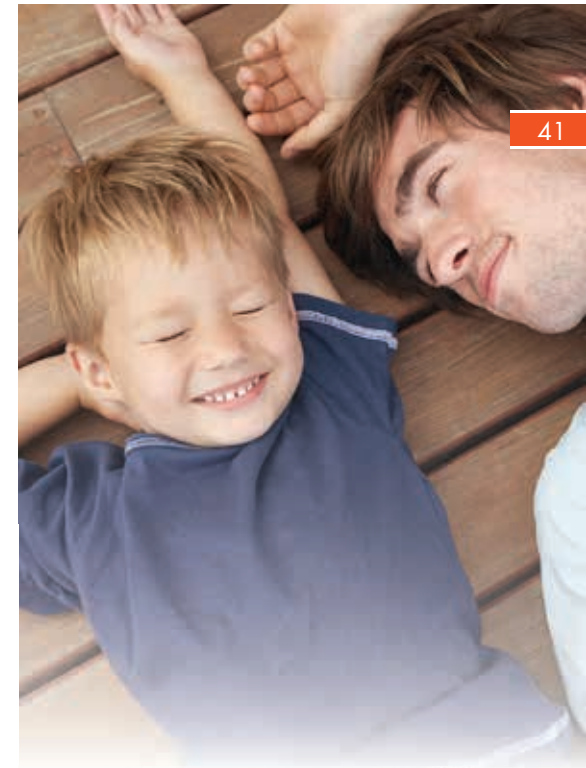
Single Storey Prefab House



149m²



3+1



Dynamic and unique areas

Double Deck Prefab House



91 m²

Çinili Köşk

Double Deck Prefab House

91m²

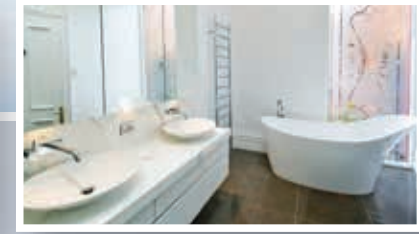
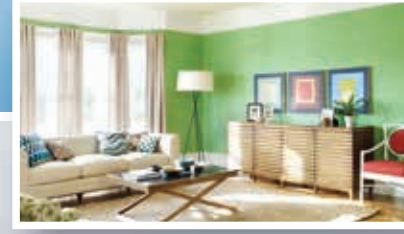


2+1



Happiness, peace and pleasure

Double Deck Prefab House



112 m²

Malta Köşkü

Double Deck Prefab House



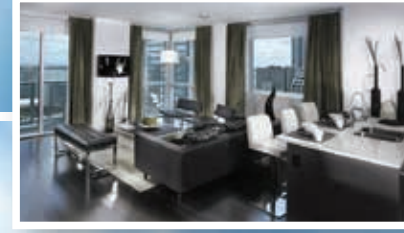
2+1

112 m²



All seasons with confidence

Double Deck Prefab House



114m²

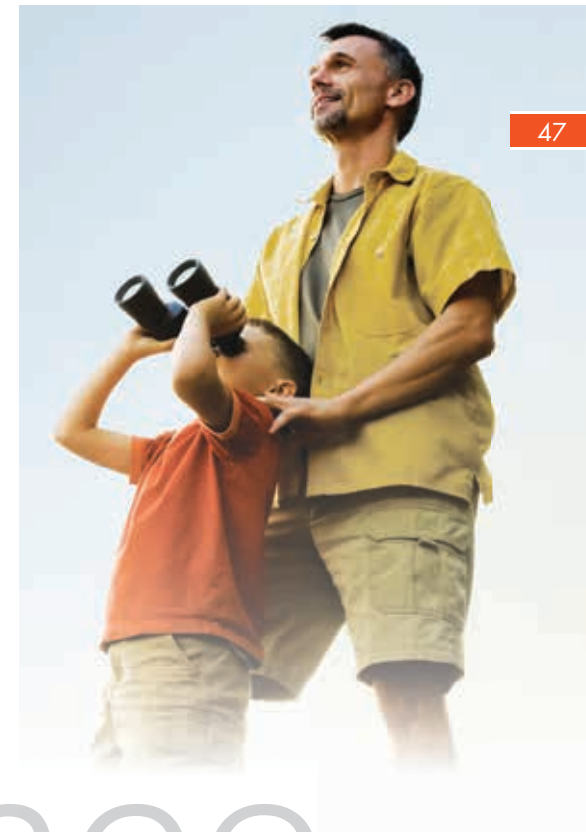
Huber Köşkü

Double Deck Prefab House

114m²



3+1



Feel the difference

Double Deck Prefab House



124m²

Bebek Köşkü



Double Deck Prefab House

124m²



3+1



Feel the nature

Double Deck Prefab House



125m²

Şale Köşkü

Double Deck Prefab House

125m²

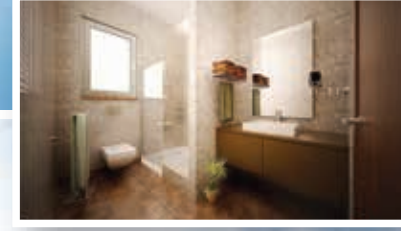


3+1



Areas that bring comfort to you

Double Deck Prefab House



127 m²

Yalı Köşkü

Double Deck Prefab House

127m²

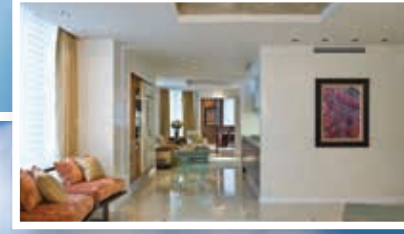


3+1



Peace wherever you want it

Double Deck Prefab House



130m²

Beyaz Köşk

Double Deck Prefab House

130m²

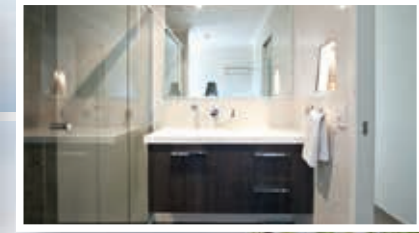


3+1



The peace you are looking for

Double Deck Prefab House



132m²

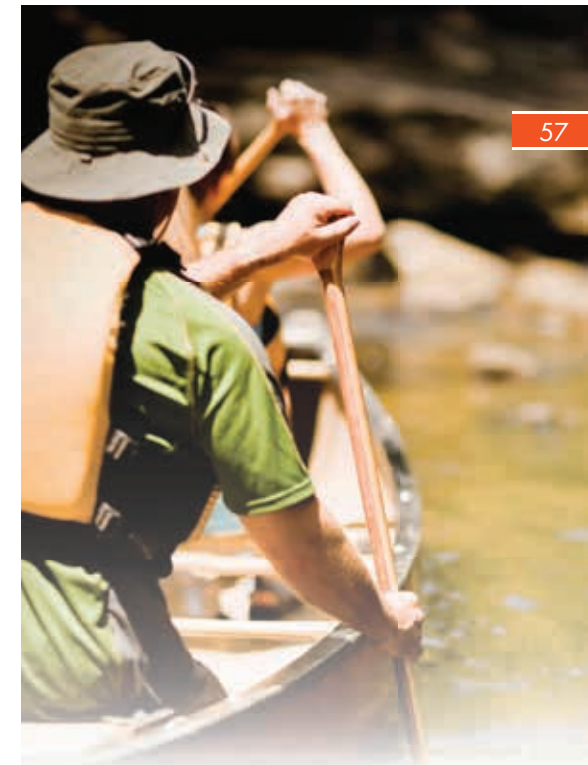
Bayıldım Köşkü

Double Deck Prefab House

132m²



3+1



Unique living spaces

Double Deck Prefab House



147^{m²}

Pembe Köşk

Double Deck Prefab House

147m²

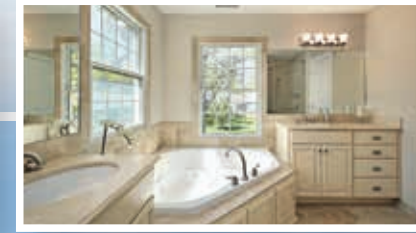


3+1



The happiness you are looking for

Double Deck Prefab House



148m²

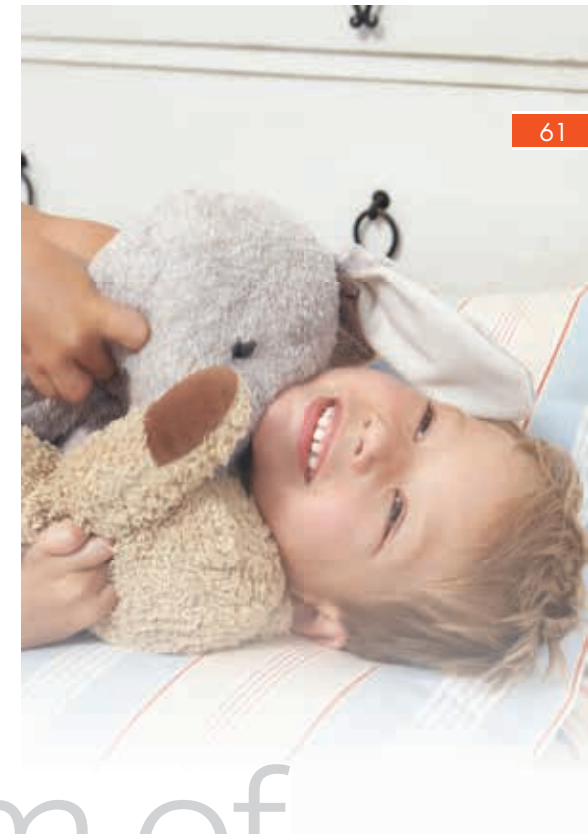
Sarı Köşk

Double Deck Prefab House

148m²



3+1



The house you dream of

Sample Ready Home Placements

Single Storey Prefab House



Doubledeck Prefab House

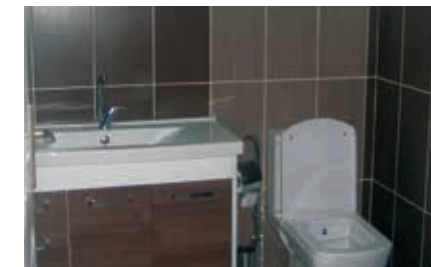




75m²



147m²



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Some Of The Houses That We Have Constructed Throughout Turkey Single Storey Prefab House



Our Houses

Some Of The Houses That We Have Constructed Throughout Turkey

Doubledeck Prefab House



**The biggest
prefabricated city in the
world was installed in Iraq.**

66



**1884 housing
in 7 months.**

With 27 years of experience and exports to about 80 countries, we have completed the world's largest prefab project produced in one time, in the capital of Iraq, Baghdad and the city of Kut.

The Project in Iraq, which included 1884 residential units and 16.148 m² of social facilities that covers a total built area of 174.148 m², is considered the world's biggest prefab project to be completed at one time. Beside the houses that were constructed within the scope of the project, we have also constructed a whole complex of social facilities buildings including town hall, school, hospital, shopping center, local government, and the fire detachment.

References

We have completed the ONKO-DAY rehabilitation center Project that consists of 12 prefabricated residence and 1 administrative building in Bursa, Nilüfer district



We have established the construction site structures for the world's largest airport,



Karmod has constructed the worksite buildings for Istanbul 3rd Airport, which will be upon its completion, the world's biggest airport with capacity of 150 million passengers per year.

Shah Deniz 2 Project

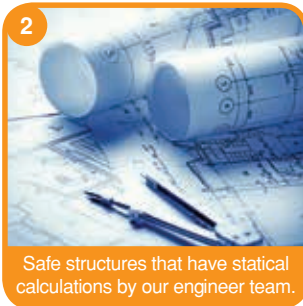
We have completed work sites for the Sahdeniz 2 Project which will supply natural gas to whole Europe. Karmod have constructed work site buildings for the Project Shahdeniz 2 which has the world's largest natural gas reserves in Azerbaijan near Baku. When the Project is completed, it will supply natural gas from Azerbaijan to Europe via Turkey.



Why You Should Choose Karmod in Prefabricated Structures



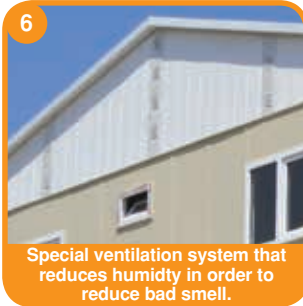
Ergonomic designs prepared by architects



Safe structures that have statical calculations by our engineer team.



High static thickness of sheets.



Special ventilation system that reduces humidity in order to reduce bad smell.



Installation by expert teams.



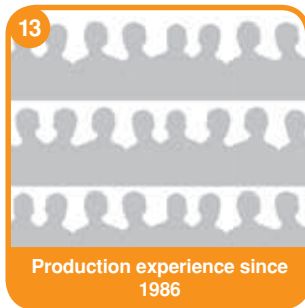
Guarantee of quality with water and electrical testing



International guarantee terms that meets customer satisfaction



Eco friendly production with iso standards



Production experience since 1986



Technologic production line



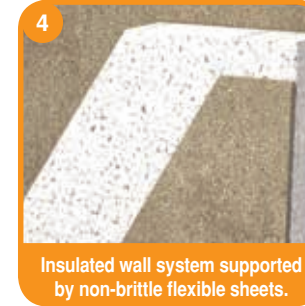
21.000 m² of production area



Exportation to nearly 80 countries



Screw connection system that gives durability to our structures



Insulated wall system supported by non-brittle flexible sheets.



Durable and secure system on the roof metal purlin.



Fast production, on time delivery

Our Surface Coating type



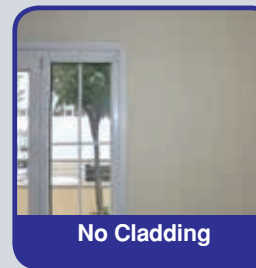
Stone Pattern Cladding



Wood Pattern Cladding



Siding



No Cladding

Details

Prefabricated Houses Specifications

Technical Specifications Of Pre-Manufactured Prefabricated Buildings

We produce our prefabricated buildings according to 75 kg/m² snow load, 80km/h wind speed, 1st degree earthquake conditions and on basis of 3rd climate zone.

Exterior And Interior Wall Panels

Interior and exterior wall panels are made of double sided cemented chipboard panels (cement board) with 8x1250x2500 mm dimensions (concrete slab). For insulation, between the door panels it used 84mm 12 density polystyrene rigid foam. Exterior wall thickness (panel) is 10 cm. Interior wall thickness (panel) is 6 cm. Optionally; for internal panels, it can be produced 10 cm of thickness, 2.8 m or 3 m of length and for exterior wall cladding Stone and wood patterned can be used. Steel framed system are manufactured with seamless threaded system technology.

Wall Joints

As joining elements special U and H galvanized steel profiles are used that are bent and combined by means of special connection system. Sweating that occurs on edges will not result in rust because of the curved shape. As an option additional cement board may be applied in order to create better isolation.

Doors

External doors are made of steel with dimensions 90x200. Interior doors frames are made of stainless galvanized steel sheet with off-white color, and built in first class locks are used with TSE certified. Aluminium and PVC doors are offered as an option.

Transom windows and window

Windows are made of 100x120 cm and transoms are made of 60x40 PVC based materials with double glass with 4+9+4 for Windows and single glass of transoms. Optionally they can be produced in different dimensions.

Carrier Constructions

Roof trusses, beams and columns are made of special shaped galvanized steel sheets. Along the building every 125 cm a special shaped steel truss is placed and on top of truss a special shaped galvanized steel purlin is mounted. Roof trusses are made of C and U profiles and are made of galvanized sheet. Production is being done in our modern production facilities with seamless and bold connection system and Roll form machine

Roof Coatings and Insulation

For ceiling covering 12 mm thickness gypsum boards are used. For ceiling insulation above the ceiling gypsum board 80 mm thickness glass wool is laid. Optionally 160mm glass wool can be used. Below the combining roof trusses, omega profiles that are made of galvanized steel are fastened. Rust will not occur as result of sweating that occurs on steel sheet edges because the curved shape. PVC cover is used on ceiling Omega profiles to give them aesthetical look. Gypsum boards joining elements are made of electrostatic painted aluminium material. For wet places cement board is used for ceiling covering.

Roofing and Insulation

Over the metal purlin, painted trapezoidal steel sheets are placed as roof covering. Gable end covering is PVC paneling. Overhangs are 20 cm.

Wide galvanized steel sheet shaped fringes with vents are used. For the roof special shaped galvanized steel sheet in diagonal shape are being used. PVC made square shape rain gutters and cylindrical downspouts with mounted accessories are used. (cracks resulting from snow are not covered).

Interior Cladding (Optional)

Claddings are optional and can be used in order to have aesthetic view on interior walls and also for insulation. For dry interior areas white gypsum boards and for wet interiors areas green gypsum boards can be used.

Exterior Cladding (Optional)

Exterior cladding is optional. After completing the exterior wall montage, 12 mm of Stone pattern cement boards

can be applied on mounted galvanized omegas. This pattern has 410 mm of width and 20mm gap. Wooden pattern cladding is with siding covering.

Paints

Metal parts external side is painted with double layer of priming, and then double layer of synthetic oil paint. External side of wall panel is painted with acrylic paint. Mastic is being applied to exterior wall connections. First class TSE certified paint is used in all of our buildings.

Electrical Installation

For electrical installation first class, TSE certified cables are used and laid over-plaster. Switches and sockets are chosen from first class TSE certified products. The installation can be made as flush mount optionally.

Sanitary Installation

TSE certified PVC pipes are used for sanitary installation of fresh and waste in a surface mounted style. Sanitary ware and shower, sink, closet space TSE certified products are used. Clean water and sewage pipes are left 1 meter out of the building.

The Mezzanine Construction

The mezzanine construction carrier frame is made of special shaped galvanized steel sheets. The mezzanine floor is covered with 16mm cement board (cement-bonded particle board). On the ground floor suspended ceiling an 80 mm thickness layer of glass wool is placed for sound and heat insulation. The mezzanine load is 200 kg/m² and live load capacity is 150kg/m².

Stairs

Special shaped steel profiles are used to make the steel frame in box shape covered with 16 mm thickness cement board (cement-bonded particle board). Stair railing is made of box profiles. Stair's metal parts are painted with two layers of lining and two layers of oil paint.

Extras that are not included in our prices

- a) a) All the necessary plans for the installation, such as project, legal permits (Municipality etc...) and provide the appropriate legal environment for installation.
- b) Except all the mentioned work which are duty of contractor as agreed in the contract are responsibility of the customer.
- c) The surface that the house will be placed should be flat (the concrete base must be according to the plans). Also all kinds of excavation and landscaping, making all kinds of insulation between the concrete floor of the building works.
- Apply a layer of alum after the basic construction is completed (The alum applied on external side should be inclining, and from inside the alum should be 2 cm higher than the outside layer).
- e) Cladding of floor and wet zone areas (ceramic, PVC, parquet and marble). Before coat the tiles green drywall should be covered, wires should be drawn on the tiles after application must be made)
- f) External connections of the product (electrical, sewage, clean water, etc.) making materials and workmanship.
- g) Electricity which will be used during the installation, scaffolding supply and installation if necessary.
- h) To pay supervisors travel, accommodation and food expenses.
- i) Clean water supply and pressure equipment, vent installation materials and labor are the main link entries
- j) Securing the goods against stealing, keeping the products inside closed area in order to protect them against deformation and direct contact with water. The materials should not be stacked up if the customer stock them outside.
- j) Telephone, computer and UPS installations, materials, and labor
- Electrical main distribution board (meter, cutout box, main fuse ... etc.) and the grounding.
- Heating and cooling systems (radiators, boilers, water heaters, air conditioning, etc.), water meter and installation of sanitary equipment
- Supply and montage of materials such as balcony and patio railings, kitchen cabinets, bathroom cabinets, mirrors, soap holder, paper holder
- o) In case when the loading car cannot approach the assembling garea, loading the materials to another vehicle, moving them to the assembling area and unloading them
- p) The removal of garbage and waste material after installation
- r) Transportation and transportation insurance, unload the container on the vehicle on work site

Karmod Keeps Right To Change The Specifications Of The Buildings.



Karmod

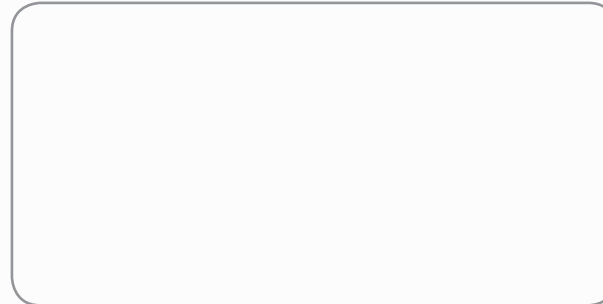
PREFABRICATED TECHNOLOGIES

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