

MODULAR HOUSES

PREFABEX specializes in building modular houses at a competitive prices and delivering them to any destination in the world. Our business is centered around delivering premium quality, lasting durability and aesthetic comfortable designs.

In our brochure, we offer our full standard range of models available, which cover most customers' expectations of a prefab house. Our standard specifications are thoughtfully designed to be economic, energy-efficient, maintenance-free, aesthetic design and durable.

Furthermore, we offer our customers a wide selection of internal and external finishing, in addition to possibility of customizing the plan according to their requirements.

The advantages of PREFABEX modular houses are:

PEACE, QUALITY AND AFFORDABILITY



Controlled quality that is ensured by the pre-manufacturing of all the elements of the house within modern factory conditions.

The modular homes building process is quick as all parts such as doors, windows, electric network, plumbing network and fixtures come included in the product.

Assembly of the house is fast and can be completed within few days, which helps in avoiding negative effects resulting from bad weather conditions, site disturbance, site pollution...etc

Energy saving thanks to the high insulation of the walls and roof.

Wide range of architectural solutions including external and internal options for finishing.





Affordable

PREFABEX bungalows and villas are ideal for personal accommodation, government social housing projects, tourist villages, employee accommodation projects and chalets.






PACKED IN ONE HOUSE

GENERAL CALCULATION CRITERIA

-  Snow load: 75 kg/m²
-  Chassis load capacity: 200 kg/m²
-  Earthquake resistance: First-degree seismic zone
-  Load-bearing system: Consists of special C,U and H galvanized profiles






EXTERNAL AND INTERNAL WALLS

Produced as press panel system and joined together by H profiles.

-  Total Wall thickness is 10 cm
-  External surface is cement board 8 mm thickness
-  Internal surface is cement board 8 mm thickness
-  Insulation Material: 84 mm thickness of EPS (Polystyrene foam) 16 kg/m³ density

ROOF STRUCTURE

Gable roof structure. Other roof systems are also available as an option.

-  30% incline
-  Gable end trusses covered with PVC paneling
-  Eaves and overhangs are 20 cm
-  Around the roof PVC rain gutters and downspouts are installed
-  Roof Covering: Trapezoidal painted steel sheet 0.45 mm thickness



General Technical SPECIFICATIONS

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CEILING

-  Covering: 12 mm thickness gypsum board
-  Wet areas covering: 8 mm thickness cement board
-  Insulation: 80 mm thickness 14 kg/m² density glass wool A1 fire rated
-  Electrostatic painted aluminum profiles are used to join gypsum boards





Doors

-  Exterior Door: 90x200 cm steel door (TSE certified)
-  Interior Doors: 80x200 cm American panel door with metal frame
-  PVC, aluminum or MDF doors are also available as options




Windows

-  Type: PVC windows 60 series
-  Dimensions: 40x60 cm for bathrooms 100x120, 120x160, 160x160 cm for rooms
-  Glass: double glazed 4+12+4 mm, transom is single layer frosted glass






ELECTRICITY INSTALLATIONS

-  Cables: 3x1.5 & 3x2.5 Nym
-  Sockets and Switches: high quality first class Turkish brands
-  Lighting fixtures: round globe
-  Main fuse box: Siemens brand, located above



SANITARY INSTALLATIONS

-  Clean water pipes: PVC
-  Waste water pipes: PPRC
-  Sanitary ware and armatures: high quality first class Turkish brands




MEZZANINE FLOOR (APPLICABLE FOR TWO STOREY HOUSES)

-  Structure: formed by means of seamless technology through use of special cold roll formed galvanized steel profiles
-  Height of chassis is 200 mm
-  Flooring of first floor is 14-16 mm thickness cement board
-  Insulation: 80 mm thick of glass wool
-  Live load of chassis is 200 kg/m²

PAINT

-  External metal parts are painted with double layer coating and double layer synthetic oil paint. External cement boards panels surfaces are painted with acrylic paint. For external wall mastic is applied on the jointing areas.
-  The interior cement board surfaces and ceiling gypsum boards are painted with TSE certified plastic paint.

STAIRS (APPLICABLE FOR TWO STOREY HOUSES)

-  Structure: formed by means of seamless technology through use of special cold roll formed galvanized steel profiles
-  Steps: steel sheet covered with cement board
-  Railing: produced from decorative wrought iron

