



PREFABEX
MODULAR BUILDING SOLUTIONS

LIGHT STEEL TWO STORY HOUSES CATALOGUE



PREFABEX
MODULAR BUILDING SOLUTIONS



126M²

LS200



PREFABEX
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130M²



LS201



PREFABEX
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136M²



LS202



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137M²



LS203



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178M²



LS204



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180M²

LS205



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210M²



LS206



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226M²



LS207



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242M²



LS208



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250M²



LS209





250M²

LS210



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268M²

LS211



270M²

LS212



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271M²



LS213



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278M²

LS214



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289M²

LS215



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293M²



LS216



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250M²



LS217



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315M²



LS218



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322M²



157 m² - First Floor Plan

165 m² - Ground Floor Plan



LS219



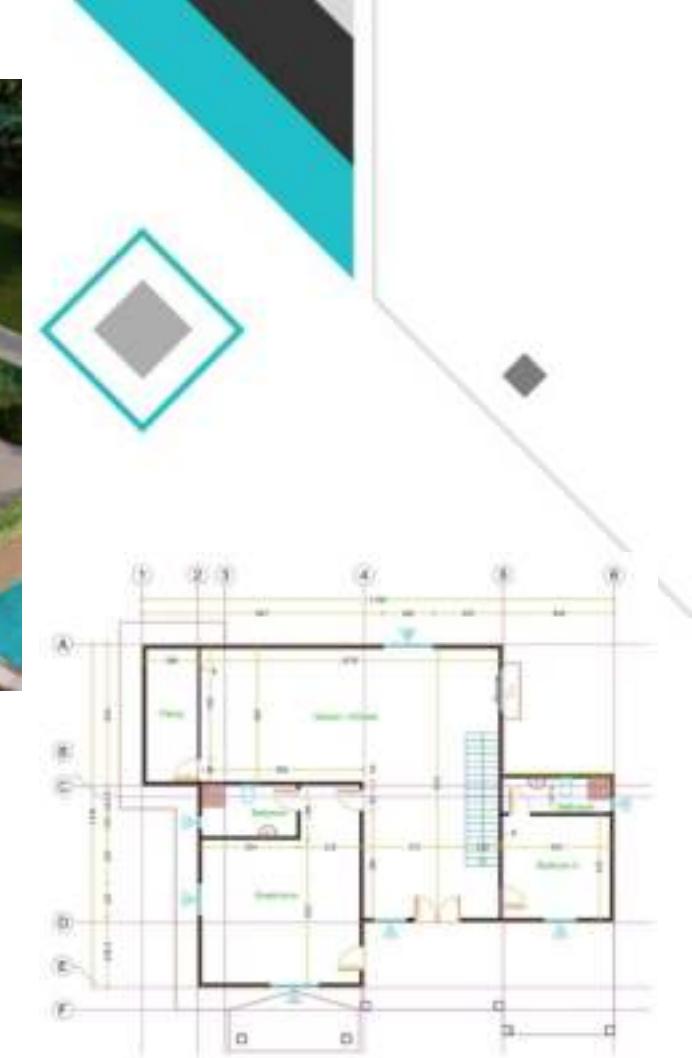
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330M²



128 m² - First Floor Plan



156 m² - Ground Floor Plan

LS220



359M²



LS221





PREFABEX LIGHT STEEL BUILDING TECHNICAL SPECIFICATIONS

GENERAL CALCULATION CRITERIA

- Wind speed : 102 km/hour
- Snow load : 80 kg/m²
- Chassis load capacity : 200 kg/m²
- Earthquake resistance : First-degree seismic zone
- Load-bearing system : Consists of special C, U galvanized profile

INTERNAL WALLS

Produced from galvanized components that are bent and joined together without welding, by means of bolts and nuts.

- Thickness of wall steel frame is 80 mm
- Exterior Cladding: Two layers of White gypsum board thickness 12.5 mm
- Interior Cladding: Two layers of White gypsum board thickness 12.5 mm
- Height is 250 cm (It can be customized to client's request)
- Insulation Material: Mineralwool 8 cm thickness

EXTERNAL WALL

Produced from galvanized components that are bent and joined together without welding, by means of bolts and nuts.

- Thickness of wall steel frame is 80 / 140 mm
- Exterior Cladding: 11 mm thickness OSB board + Vapour barrier + 10 mm cement board
- Interior Cladding: Two layers of White gypsum board . For wet areas green gypsum board is used.
- Height is 250 cm (It can be customized to client's request)
- Insulation Material: Mineralwool 8/13 cm thickness

CEILING

- 12.5 mm gypsum board
- Wet areas covering: Green gypsum board
- Insulation: 80 mm mineralwool

Doors

- Exterior Door: 900x200 cm steel doors
- Interior Doors : 80x200 cm American panel doors.

Windows

- Type: PVC windows (TSE certified)
- Dimensions: 100x120, 120x160 and 160x160 cm
- Glass: double glazed 4+16+4 mm
- transom is single layer frosted glass

ELECTRICITY INSTALLATIONS

- Cables: 3x1.5, 3x2.5 Nym (TSE certified)
- Cable trays and cable pipes
- Single sockets'cables 3x2.5 mm² TSE certified brand
- Lighting lines 3 x 1.5 mm² TSE certified brand
- Lighting armatures: normal areas: globe and for wet areas wall waterproof lighting fixture
- Sockets and switches: Viko brand
- Fuses: Siemens or Schneider Brand
- Cables for A/C and water heaters

SANITARY INSTALLATIONS

- Clean water pipes: PVC (TSE certified)
- Waste water pipes: PPRC (TSE certified)
- Sanitary ware and armatures: high quality TSE certified products



ROOF

- Structure: Gable or pitched roof structure, formed by means of seamless technology through use of special cold roll formed galvanized steel profiles
- Covering: OSB boards + vapour barrier + corrugated steel sheet
- Insulation: 80 mm thickness of mineralwool



METAL CHASSIS BETWEEN FLOORS

- Structure: formed by means of seamless technology through use of special cold roll formed galvanized steel profiles
- Covering: 16 mm thickness cement boards
- Insulation: 80 mm thickness of mineralwool



PAINT

- External metal parts are painted double layer coating and with 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 plastic paint. TSE certified painting products are used in our buildings



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