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CONSTRUCTIVE SYSTEM 1

LOW COST

GRUPO EXIDECON EXPORTACIONES



C.I.F.: B-85783710

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1. Introduction

This modular building technology of housing is made through sandwich panels of high density polyurethane between galvanized steel sheets, galvanized steel structure and bracing. It is applicable to all types of build housing.

It is rated high efficiency and energy savings. It can withstand wind of 150 km / h with a safety margin 50% (225 km / h) and up to grade 8 earthquake, measured at Richter scale.

Our purpose is to use modular building technology with which we want to achieve a significant reduction in time and costs construction of housing demanded.

CONSTRUCTIVE SYSTEM 1

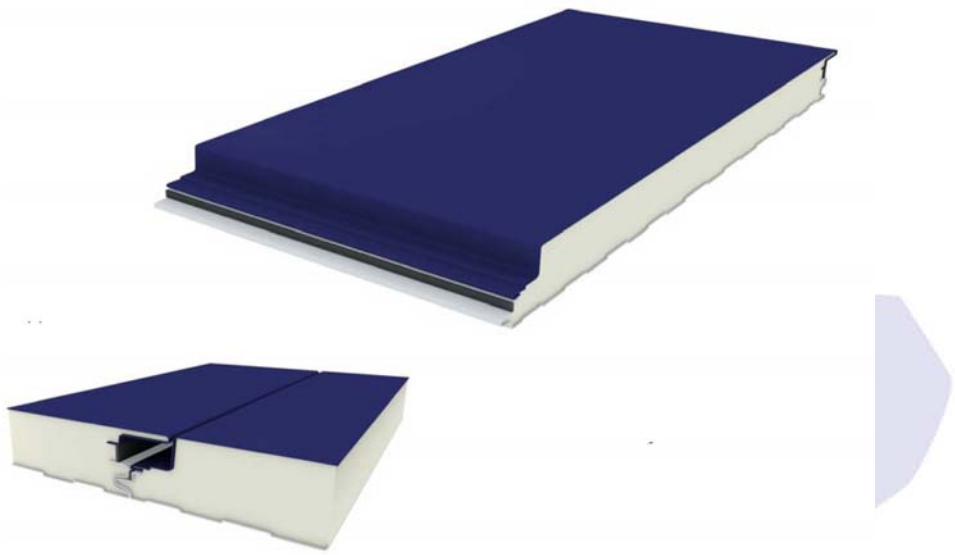
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2. Features

Housing built with self-supporting panels made of galvanized sheet steel and Polyurethane on the inside. Panels are used inside walls and roof, thus giving an excellent isolation throughout the house. Housing will be placed on a concrete platform between 10 and 20 cm with a mesh.

This type of modular housings can be enlarged to the need required by the customer.



Detail Sandwich Panel

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3. Details

Once we have forged base, we began assembling the housing, through a U-shaped profile that supports the walls. After forming the perimeter is placed gable roof will also be made of sandwich panel.



Sandwich Panel with steel sheet and high density polyurethane.



Indoor partition

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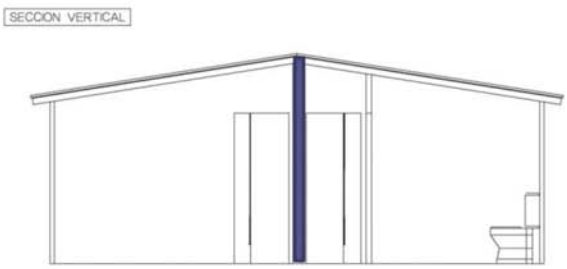
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3. Details

Central loadbearing wall







Detail Central loadbearing wall

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4. Scope of supply

STRUCTURES

U's galvanized steel stamped on both wings as the modulation of the panel to support the sandwich panel 60mm in the perimeter walls.
Central loadbearing wall with profiles C 90 and U 90mm.
Substructures of divisions with profiles C 48 and U 48mm. Anchors, screws, rivets and assembly accessories.

SANDWICH PANELS

Sandwich panel of 60mm consists of pre-painted steel sheet of 0.5mm on both sides and polyurethane insulation in the central area with a thermal conductivity of 0.021 W / ° Cm. In outdoor walls and roof.

CLADDING

Plasterboard (drywall) of 15mm for wall covering central loading and divisions, including grout.

FINISHINGS AND SCREWS

Steel sheet finishings
Screws for assembly kit
Bands 3mm thick polyethylene and silicones to seal the housing. Degreasing, priming and painting white to paint visible areas in the galvanized steel profiles.

TEMPLATES

Templates set to mark and cut panels of the sloping walls.

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5. Plans

1. Plan
2. Elevation



Example plan 36,8 m²



Example plan 56,5 m²



