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## CONSTRUCTIVE SYSTEM 2 STANDARD MODULAR GRUPO EXIDECON EXPORTACIONES



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# **CONSTRUCTIVE SYSTEM 2 STANDARD MODULAR GRUPO EXIDECON EXPORTACIONES**

1. Introduction
2. Features
3. Details
4. Scope of supply
5. Plans



## CONSTRUCTIVE SYSTEM 2

### STANDARD MODULAR

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#### 1. Introduction

This modular building technology of housings is made through standard panels (fibrecement on the outside and fibre plaster on the indoor) and galvanized steel profiles at a distance of 1.20m. This is the basic kit in which the customers can adapt the panels finishing as their needs and likes.

It is rated high efficiency and energy savings. It can withstand wind of up to 250 km / h and earthquakes to grade 8, measured on the 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.

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#### 2. Features

This housing system will be placed on a concrete platform between 10 and 20cm thickness with a mesh, in which will set the galvanized steel structure, which will set Fibrecement panels (or chosen by the customer, the variety may be infinite).

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



Building detail



Detail roof assembly prepared  
for metal tile

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#### 3. Details

Simplicity of installation saves us time and workforce which convert the product cheaper substantially. The roof bracing's is ready for installation of tile or metal plates with different finishings to choose from.



Building details



finishing details

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## 3. Detalles

Buildings Examples:



School



Medical Center



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#### 4. Scope of supply

##### Outdoor walls

Drywall 15mm for the indoor housing with paste and tape to joints

Galvanized steel structures C and U 90 mm.

Fibre cement panel without asbestos for outdoor 12 mm

Mastic, paint and waterproof primer for outdoor use.

##### Roof

Pre-painted steel sheet.

Insulation by equivalent reflection to 110 mm of polyurethane.

Structure of galvanized steel omegas on trusses.

Structure with galvanized steel trusses and air chamber.

Substructure of omegas for false ceiling.

Drywall 13 mm for ceiling with paste and tape to joints.

##### Indoor Partition

Drywall 15 mm for inside housing with paste and tape to joints.

Galvanized steel structure. (for loadbearing walls).

Galvanized steel substructures.

Drywall 15 mm for inside housing with paste and tape to joints.

Screws and steel sheet finishings

Everything needed to assemble the kits.

##### MOULDS

Moulds to prefabricate walls and trusses in work site.

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5. Plans

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1. Plan
2. Elevation



Plan example 72,5 m<sup>2</sup>



