CASAS INDUSTRIALES DEL GRUPO PETRABOR

FICHA COMERCIAL

STEEL FRAME HOME PROJECT 64m²

64 m² housing, Steel Frame construction system, with structure of cold formed lightened galvanized profiles.

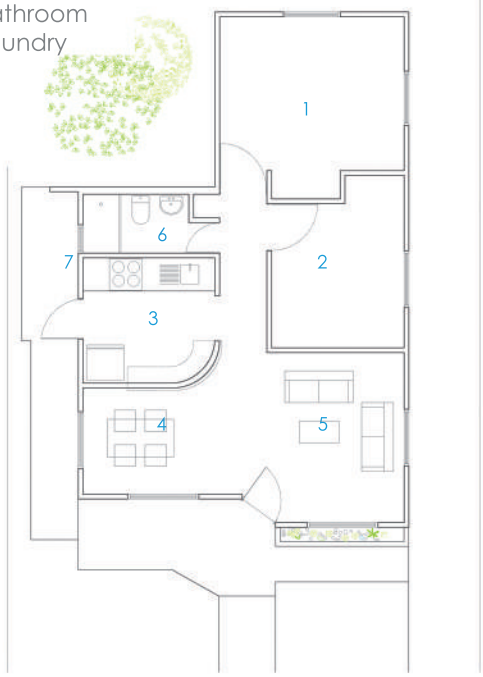
TYPOLOGY "A"

2 Bedrooms - CANEXEL

HOUSING EXTERIOR VIEWS

FUNCTIONAL DISTRIBUTION:

1. Bedroom
2. Bedrom
3. Kitchen
4. Dining room
5. Living room
6. Bathroom
7. Laundry



FACHADAS

(+34) 914 471 644
direction@casasindustriales.com
www.casasindustriales.com

CASAS INDUSTRIALES DEL GRUPO PETRABOR

FICHA COMERCIAL

STEEL FRAME HOME PROJECT 64m²

64 m² housing, Steel Frame construction system, with structure of cold formed lightened galvanized profiles.

TYPOLOGY "A"

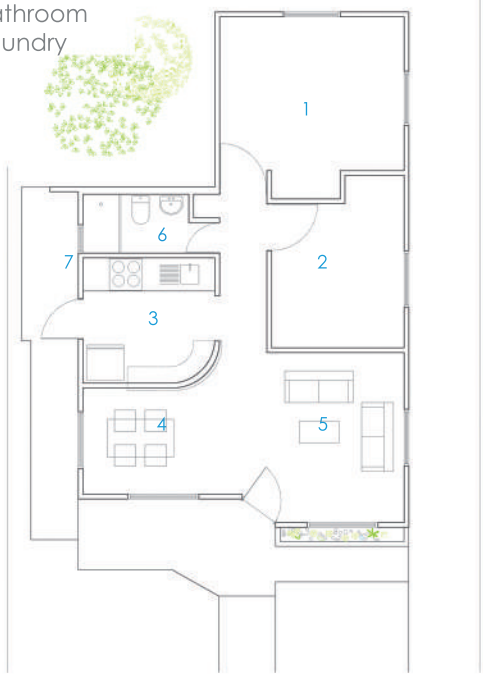
2 Bedrooms - STONE -LIKE facade

URBAN SYSTEM (fits on request)

HOUSING EXTERIOR VIEWS

FUNCTIONAL DISTRIBUTION:

1. Bedroom
2. Bedroom
3. Kitchen
4. Dining room
5. Living room
6. Bathroom
7. Laundry



FACADES

(+34) 914 471 644
direction@casasindustriales.com
www.casasindustriales.com

CASAS INDUSTRIALES DEL GRUPO PETRABOR

FICHA COMERCIAL

STEEL FRAME HOME PROJECT 64m²

64 m² housing, Steel Frame construction system, with structure of cold formed lightened galvanized profiles.

TYPOLOGY "A"

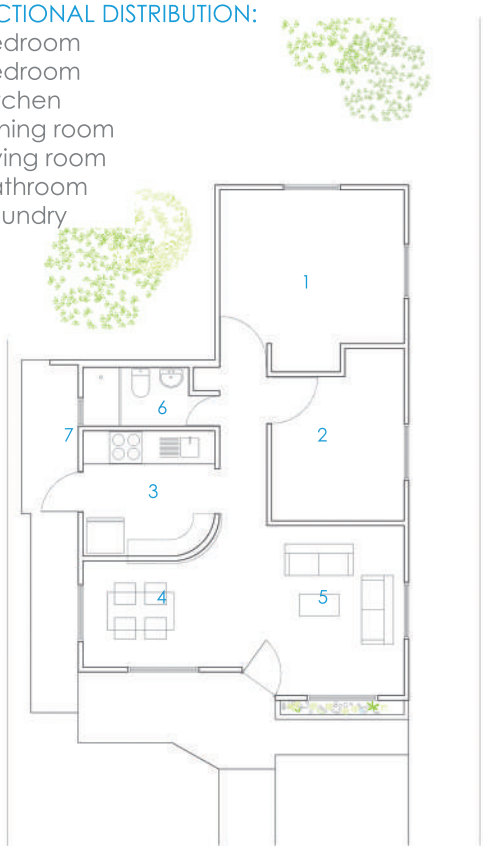
2 Bedrooms - CALCIUM SILICATE facade

URBAN SYSTEM (fits on request)

HOUSING EXTERIOR VIEWS

FUNCTIONAL DISTRIBUTION:

1. Bedroom
2. Bedroom
3. Kitchen
4. Dining room
5. Living room
6. Bathroom
7. Laundry



FACADES

(+34) 914 471 644

direction@casasindustriales.com

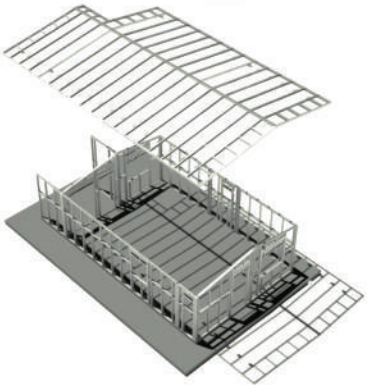
www.casasindustriales.com

COMPONENT DESCRIPTION
SYSTEM GENERAL FEATURES

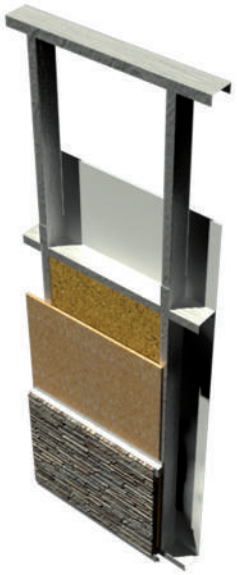
Steel frame is a constructive system whose main feature is a structure which consists in cold-formed profiles of galvanized steel. This system is basically formed by upright-profiles in C form (installed in vertical position separated 40-60 centimeters). On the borders, the profiles are screwed down to the track profiles (U form). These U form-profiles form the inferior and superior border of the whole grid.

The profiles are used to form structural and non-structural panels, secondary beams, ground beams, rafters and other components. These profile grids are later covered by different layers of panels. That is why we can talk about a Dry Construction system.

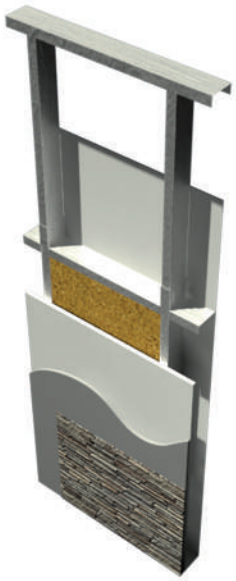
The profiles present reduced thickness and have drillings to let the electric and plumbing installation system go though them.



CONSTRUCTIVE SOLUTION



FACADE - OSB panel



FACADE - Calcium silicate panels

SYSTEM ADVANTAGES

Main advantages:
- Faster (almost 80% faster than traditional systems)
- lower construction costs (around 40% cheaper)
- Easier to handle

We can also emphasize and group the system advantages into 3 types:

1. ADVANTAGES OF THE CONSTRUCTIVE SYSTEM ITSELF:

- Earthquake-proof system
- Fire proof system
- Light system
- Reciclable and environmental system
- Modular and panel based system
- adequacy and benefits not only in big but also in small projects
- Durability (profile sheet galvanization)
- Easy transport everywhere
- Investment in plants or models not needed
- Flexible to all kinds of design

2. ON SITE ADVANTAGES:

- More cost-effective
- Faster
- Easier (easier assembly)
- Better thermic and acoustic insulation
- Dry system
- Cleaner construction site
- The system does not need high qualified workers
- Increases the usable floor area regarding to traditional systems
- Avoids overrun and setting-out on site
- Eliminates heavy machinery and reduces auxiliar construction elements
- Reduces the number of trades on site
- Simplification of the electrical and plumbing installations

3. ADVANTAGES POST - WORK:

- Flexibility and simplicity in building extensions and renovations
- Easier, cleaner, faster and cheaper manteinance and repair works

(+34) 914 471 644
direction@casasindustriales.com
www.casasindustriales.com