CONCRETE MODULAR HOUSES







the future of living starts here





ALSTONE TECHNOLOGY



Use of pre-aerated self-compacting concrete (SCC).

Formwork filled with concrete pumped upwards from below.

In situ production of complex concrete units.

Smooth form finish surfaces all round. No screeding or smoothing of surfaces. Minimal quantities of concrete residue. Quiet, minimal waste of materials, efficient and ecological concrete parts production.

Shorter formwork laying times.



Concrete modular houses are an alternative to traditional construction and can be the right choice for those looking for a comfortable, flexible and adaptable property. With a shorter construction time and, as a g eneral rule, at a lower cost, they are increasingly popular and present themselves as a new construction solution which offers good living conditions. From the most rustic and conventional to the modern and minimalist, the offer is very varied, with very different models, prices and characteristics. Alstone has prepared a guide that can help you choose the prefabricated modular home of your dreams.

TYPE 025 108 m²

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This tiny modular house is organized in one floor plan. On this ground floor plan we find the entrance that leads directly to the living room area that is positioned in the middle of the house. On the left side of the house we find kitchen and dining area while on the right side there are two bedrooms and one bathroom.





This modular house is organized in one floor plan and is separated in three parts. On the ground floor plan we find the living room, the kitchen and dining area separated in one side of the house, while on the otherside is positioned the sleeping area.









This modular house is organized in one floor plan and is separated in two parts. On the ground floor plan we find the entrance that leads directly to the living room, the kitchen and dining area. On the other side of the house is separated the sleeping area which includes 3 bedrooms.







This modular house has the L shape and is organized in one floor plan separated in two parts. In one side of the L shape there is living room, kitchen and dining area. While in the other part of the house we find two bedrooms.







TYPE 018 158.4 m²



This modular house is organized in one floor plan and is separated in three parts. On this floor plan we find the entrance which leads to the living room and is positioned on the middle part of the house. On the left side of the house we find the kitchen and dining area while on the right side we find two bedrooms and one bathroom.

TYPE 045 158.4 m²



This modular house is organized in two floors. On the ground floor we find the living room area presided by the design staircase, which is followed by the kitchen and dining area in the oposite side of the house next to the bathroom. While on the first floor there is positioned the bedroom area with three bedrooms.

TYPE 029 125 m²



HAL

This modular house has two floors. On the ground floor we find the living room area presided by the design staircase, in the other side of the house is positioned the kitchen and dining area. While on the first floor we find three bedrooms.







This modular house has two floors. On the ground floor we find the living room area followed in the other side of kitchen and dining area. While on the first floor we find two bedrooms with it's closet and bathrooms.

TYPE 046 216 m²



This modular house has two floors. On the ground floor we find the entrance that leads to the hallway where are positioned the staircase, in one side of the house we find the living room area while in the other side of the house we find the utility, kitchen and dining area. On first floor there are two bedrooms with it's closet and bathroom.

TYPE 047 144 m²



This modular house has two floors. On the ground floor we find the entrance that leads to the living room area, in one side of the house we find the utility, kitchen and dining area. On the first floor there are two bedrooms and one bathroom.



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Modular Percast Housing is not limited to any module size. Modules can start from 3m wide to 14m long. alternative sizes can be manufactured for large projects – say 300 modules or more. Some dimensions can be altered, such as the roof depth and the internal ceiling height. The modules rely on reinforcing steel around the vertical corners (columns) and the horizontal sections just underneath the roof (beams) for the integrity of the system. These areas are also required to enable safe transport of the modules. Penetrations outside these zones are permissible.



Concrete Modular Construction is a 3 dimensional monolithic load bearing precast system, is passionate about creating concrete modular solutions to deliver architec□ turally designed sustainable building projects. When people think about concrete structures, they typically do not think about concrete as being environmentally sustainable.

Using Modular Concrete superior technology system while reducing short- and long-term costs. Whether you are a home owner, architect, builder or developer, Concrete Modular System can create a custom designed solution for your next project.



ON-SITE MANUFACTURE Eleminates transportation and multiple handling.

STRONGER, ONE PIECE, STACKABLE 3D Monolithic concrete construction. IMPROVED

Thermal and acoustic performance. REDUCED

Operating and ongoing maintenance costs

Virtually waste free, the Modular Precast System's thin wall technology utilizes lean manufacturing processes incorporating precise control of mix quantity, formulations, materials and labor input. Uses less energy than either structural steel frame compol nents or glass curtain walling.



CMH modules can be transported on standard \Box at-top semi trailers, drop-decks or machinery Doats, however they must be moved using our transport beams. These beams ensure that the modules stay securely restrained to the truck tray and are essential for transporting the modules safely



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