

PROCESSING METHOD **STEEL FRAME**



State of the art design prefabrication.

DESIGN FOR



Companies



Public entities



Sport centers



Hospitality tourism sector

THE PLANNING

Our goal has always been to build and produce prefabricated modules at the service of **different sectors**.





PROCESSING TECHNIQUE

STEEL FRAME

Thanks to the constant research of the development department, Modul Point Group decide to become a pioneer in the world of **sustainable prefabrication** with the use in the realizations of the **system CFS** (Cold Formed Steel).

inside frame image - Steel Frame

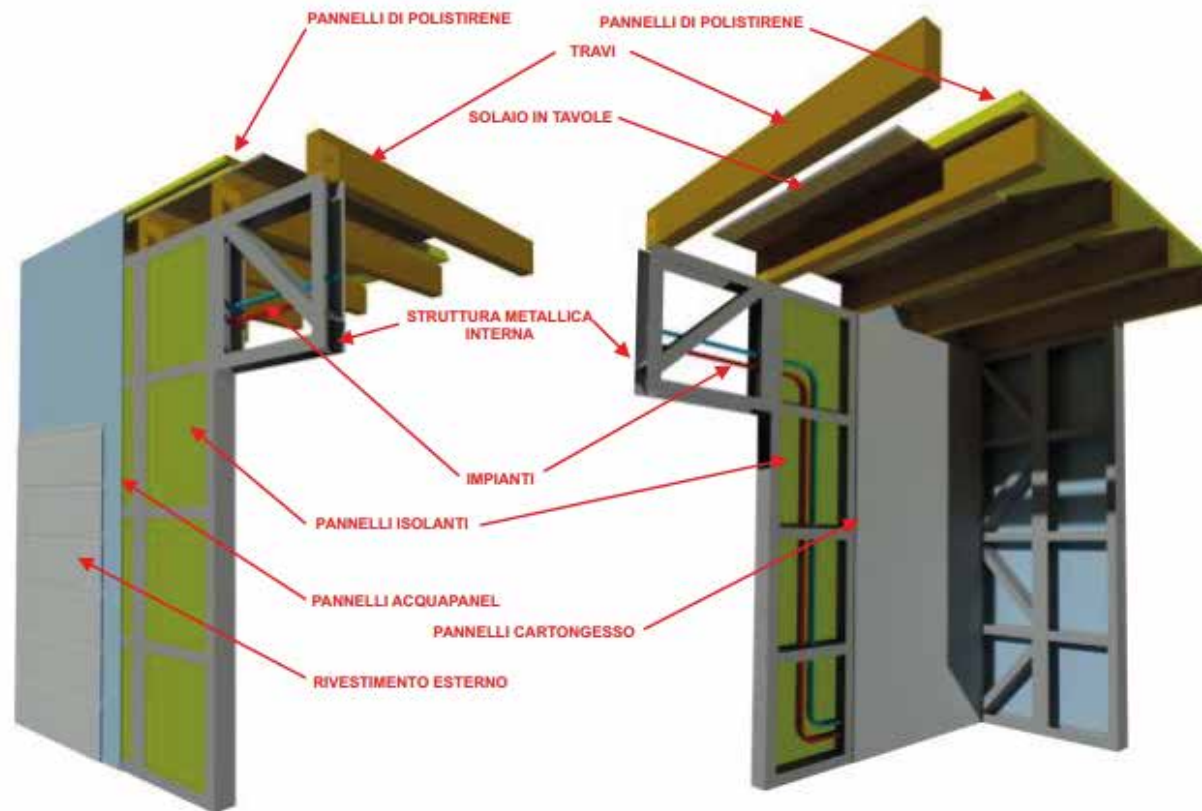
Cold Formed Steel or CFS is the commonly used term to define profiles produced by cold bending or profiling of thin steel sheets with which the structures are made.

- **CEMENT**
- + **steel**
- = **low environmental impact**



PROCESSING TECHNIQUE

STEEL FRAME

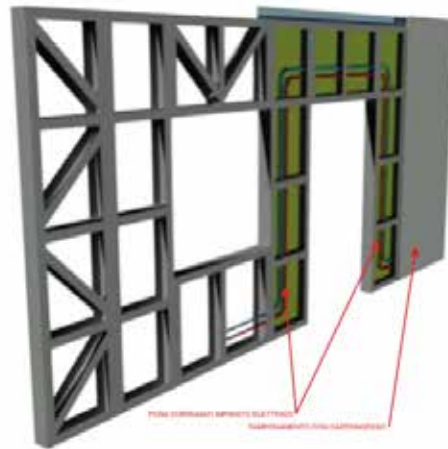


COMPOSITE FRAME SCHEME WITH WOODEN COVERING

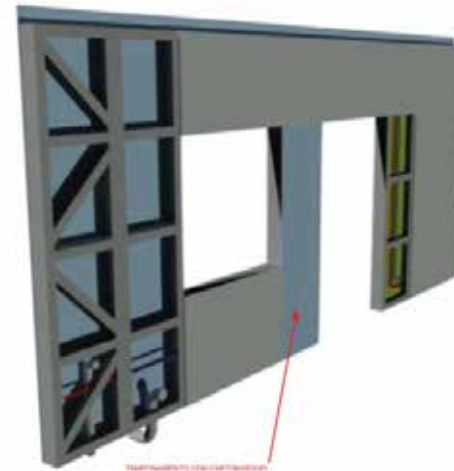
PROCESSING TECHNIQUE STEEL FRAME



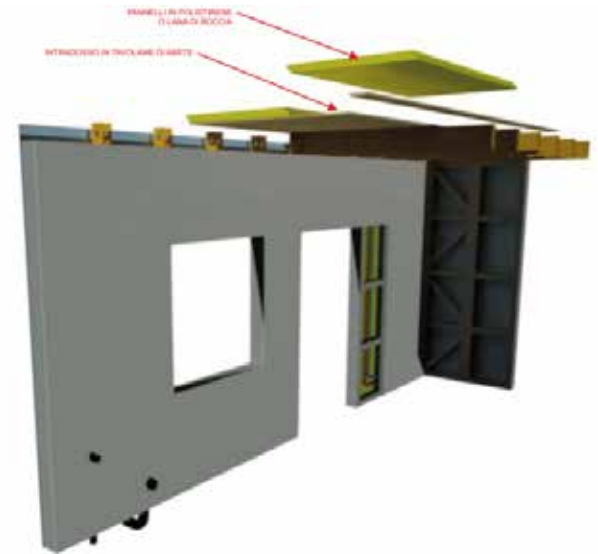
**STRUCTURAL FRAME
WALL**



**FRAME IN PHASE
OF FINISHING**



**FRAME IN PHASE
OF ULTIMATUM**



FRAME in final stage

PROCESSING TECHNIQUE

STEEL FRAME



SEMI-FINISHED INTERNAL FRAME LAYOUT



WHY CHOOSE STEEL FRAME

REDUCTION OF PRODUCTION TIMES, ASSEMBLY AND INSTALLATION

...thanks to the dry layered construction system combined with the steel structures machined in the workshop.

+ LIGHTWEIGHT AND DURABLE STRUCTURE

Thanks to the particular processing of the steel, each structure is light and resistant able to adapt to all customer requirements and to the use destinations.

+ MORE EFFICIENT QUALITY CONTROLS

Thanks to the production facility in the workshop, every element is subjected to quality controls more scrupulous before arriving at the construction site.

+ MODULARITY OF INSTALLATION

All structures are easily adaptable if the customer needed to expand its structure by adding rooms or new floors at a later stage of construction.

+ LIVING COMFORT AND EARTHQUAKE REACTION

The reduction of the structural mass results in a lower seismic force of the structure. Although in different contexts, maximum comfort and habitability is guaranteed.





REDUCTION OF THE COSTS OF THE STRUCTURE AND ITS MAINTENANCE

...thanks to factory processing of the structure and its modularity that allows the assembly directly on site.

+ LESS ON-SITE PROCESSING COSTS

All components of the structure are manufactured in the workshop thus allowing the reduction of time and construction costs on site.

+ EASY TRANSPORT

Thanks to the modularity of the individual elements of which it is composed the structure that will be assembled on site, transport is easier to organise.

+ LESS MAINTENANCE COSTS

Once the works are finished, the structure will not need of further technical interventions as it is delivered fully functional.

+ ENERGY EFFICIENCY

Thanks to the solutions studied, they are satisfied important energy saving requirements ensuring excellent indoor comfort even in different climatic zones in which it operates.

WHY CHOOSE STEEL FRAME



SUSTAINABLE STRUCTURE



LOW ENVIRONMENTAL IMPACT OF THE STRUCTURE

THANKS TO THE USE OF **STEEL** THAT CAN

BE **100%** RECOVERED.

Its property of being reused is indicated by the term up-cycling, indicating that, with recycling, you get a material with the same properties as the starting one.



IMAGINE YOUR OWN STRUCTURE



STATE OF THE ART DESIGN PREFABRICATION.



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