



OPERATIV CONSTRUCT®

houses with personality



CATALOG

WOODEN STRUCTURE HOUSES
HANDCRAFTED LOG HOUSES



Energy Efficient Timber Houses ■ Log Houses ■ Beam and Post Houses ■ Pavillions
Decks ■ Garden Furniture ■ Beams ■ Wood Profiles ■ Siding ■ Wood Floor

Turn your dream of a wood house into reality

OPERATIV CONSTRUCT has a proud tradition of designing and building good quality wooden houses. Our dedicated team is ready to assist you at each stage of designing and building your home. Our goal is to ensure that your experience is positive and efficient.

Our projects are based on residential and commercial structures of all kinds, from simple constructions to impressive wood structures.

Our priority is based on our services and their quality. We do this by using our experience in selecting and preparing the wood. We are also using the best design software and professional equipments.

Here, at Operativ Construct, we are passionate of our work.





Our competitive advantages

- Qualified personnel
- Attention for details
- Remarkable quality
- Exceptional value



Benefits of building a wooden house

1. Short onsite construction time: Following the latest building concepts, all manufacturing processes are undertaken at our production facilities and only assembling and installation is undertaken on site.

2. Customization and design flexibility: Timber frame construction allows to a variation of floor plan, from cozy rooms to large open spaces. The wall structure allows for strategic window placement based on the location of your custom timber frame, allowing for the maximization of natural light. The use of drywall between the timbers creates contrast with the timbers and allows for hanging decorations and colour flexibility.

3. Energy Efficiency: We offer several options on enclosing and wrapping the exterior of our wooden houses with a choice of super insulated wall and roof systems that gives the opportunity the build the most energy efficient wooden structure house on the market today.

4. Eco-Friendliness: we only buy wood from companies that implements a sustainable forest management, so that the forest can continue to provide forest products in perpetuity while at the same time maintaining the health of the ecological systems of the land on which it is planted, including protection of soil, water and biodiversity.

5. Cost-effective and low-maintenance: The energy-efficiency of wooden houses results in the reduction bills for heating and cooling. The siding of timber frame homes requires less maintenance than other styles.

6. Durability: No material has been able to match the unique characteristics of wood including strength, durability and ease of use; natural thermal resistance and stability. Wooden homes, built in accordance with modern technologies are highly reliable and durable, earthquakes resistance.





Wooden structure houses

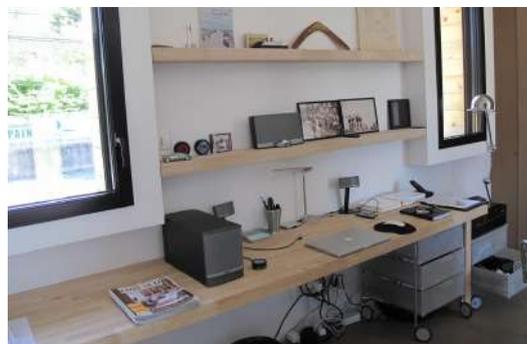
The wooden structure houses represent one of the most well-known ways of building houses. The exterior walls and the interior walls for rooms/living rooms with large openings of usually are load bearing walls.

Thermo-insulation is placed in the envelope of the building and also have the role of soundproof. The roof structure can be done traditionally, with rafters and tie beams or truss with metal connectors or laminated. The interior and exterior finishes are made using modern materials, the walls are vertical and the bindings are firm.

Houses built on wood structure represent fast and economic constructions, with an easy-done assembling on the work field with a team of a few workers. These houses assure an exceptional behavior in case of earthquake.







Passive houses

In the same category of wooden structure houses, Operativ Construct also builds passive houses, with a compact and modern design, in multiple dimensions, with one or more levels, in varying architectural styles and different roof shapes.

The technology and materials we use in building these houses assure the best kind of comfort for their inhabitants. Day by day, through the low consume of energy, the cost for the house building pays off.







Wood Structures

Linear or curved wood beams based on solid or laminated wood, siding, floor, decking for simple or complex structures.







Handcrafted log houses

Leaving behind a complex, hectic lifestyle and returning to a much simpler existence this is the irrepensible dream of many. The dream of having a piece of pristine property in a middle of nowhere, with fresh mountain air, crystal-clear water, sun-rays streaking through the treetops; a cozy log cabin built from materials offered by the nature.



Producing a log house is a labor-intensive work. Unlike manufacturers, who form the logs in a uniform manner, handcrafters generally use the full-length logs, retaining the natural shape of the tree.

External and internal walls structure

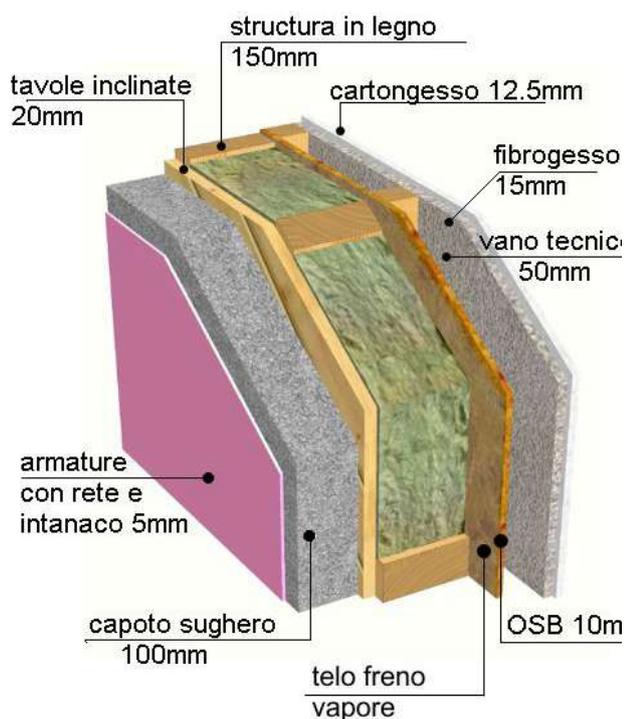


The walls are configured according to the required insulation and static elements that provide reinforcement and resistance in time.

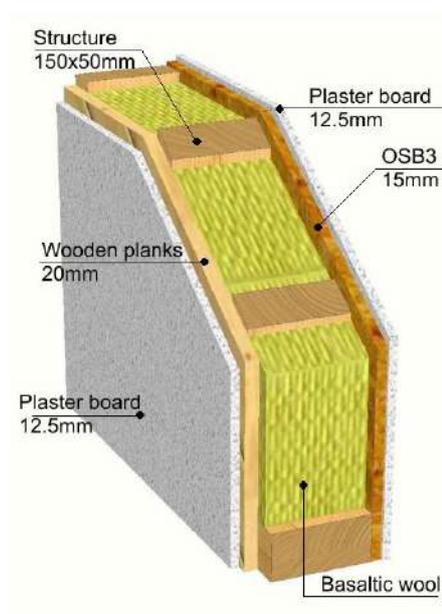
ECO HOUSE



Exterior Wall



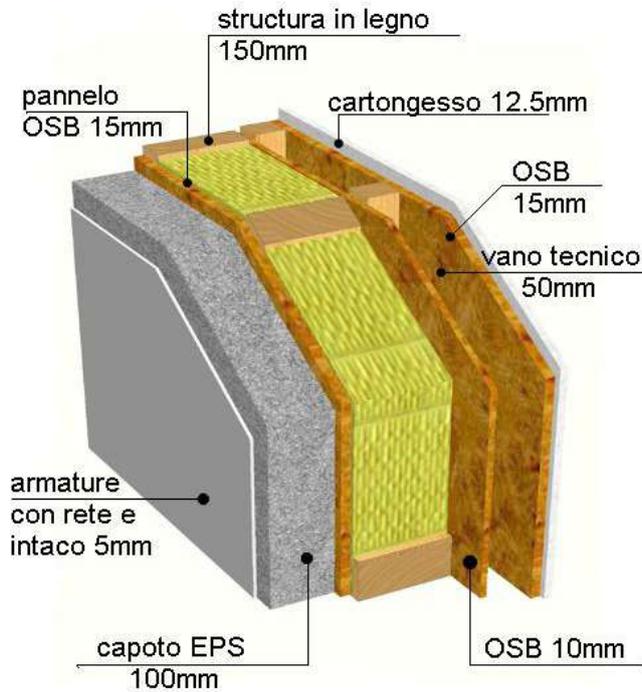
Interior Wall



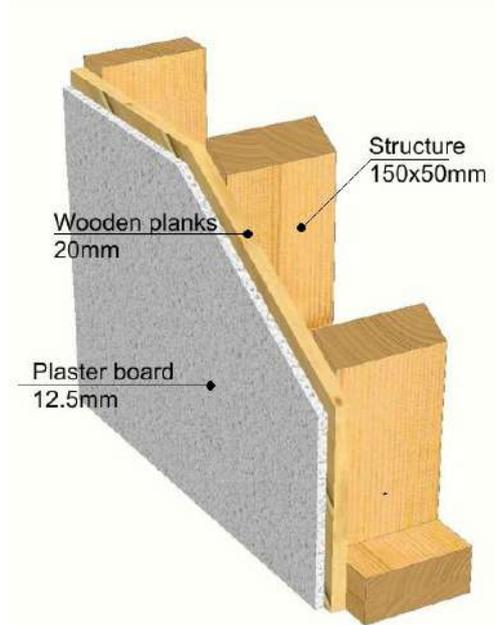
BASE HOUSE



Exterior Wall



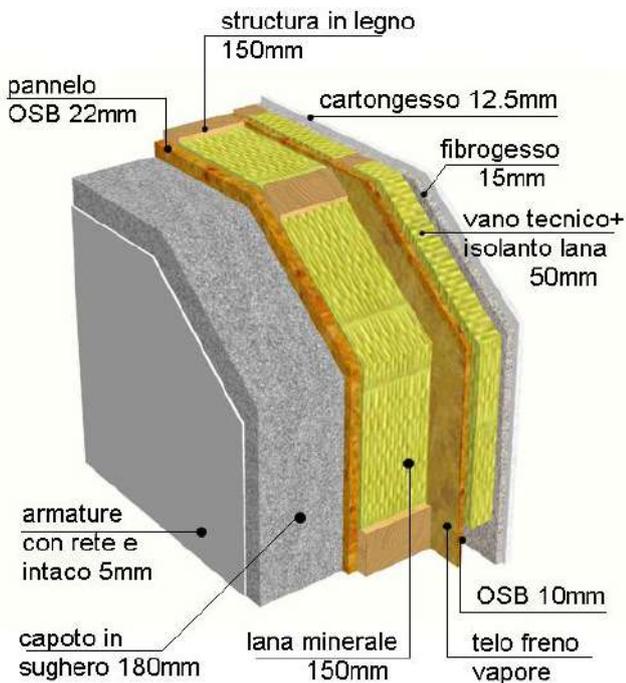
Interior Wall



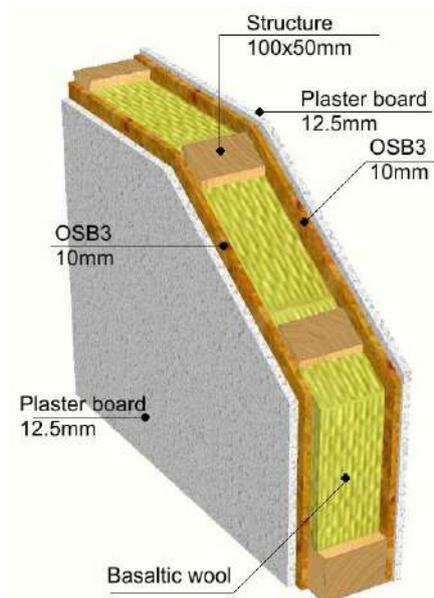
PASSIVE HOUSE



Exterior Wall



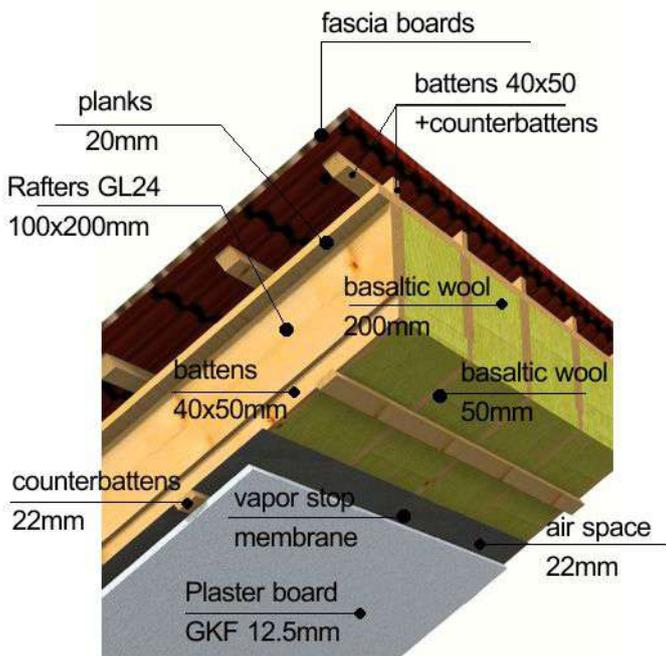
Interior Wall



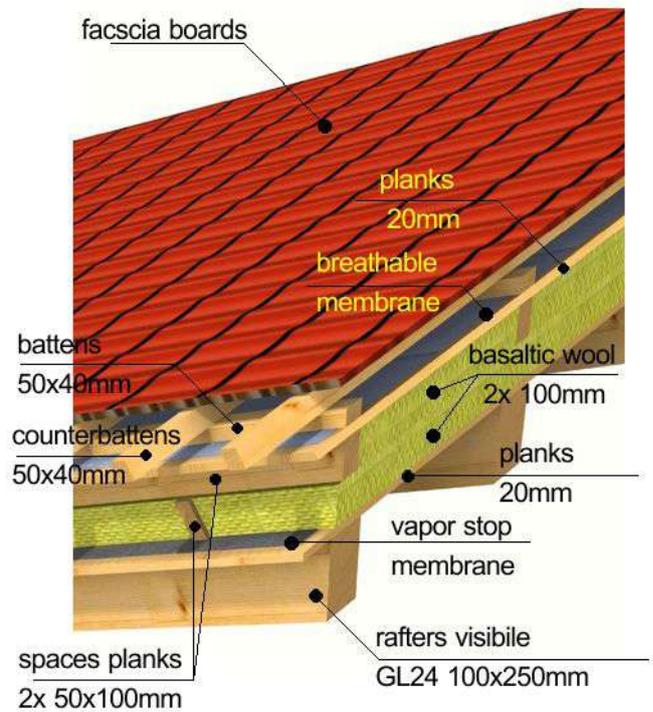
Roof and between floors

The roof is configured according with the insulation required, depending on loads of that area and design required by the customer. The laminated wooden beams can be visible or not.

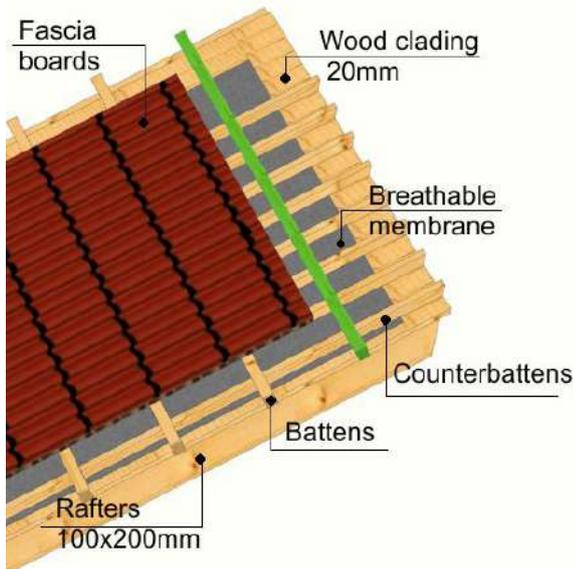
Roof-beams not visible



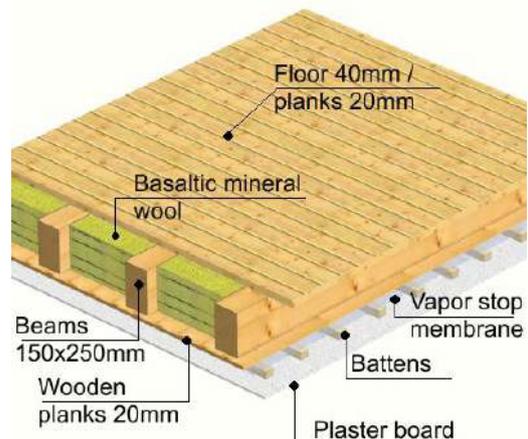
Roof - visible beams



Roof description



Slab between level description



Windows and doors

The windows and doors, offered by the companies we work with, meet high quality criteria. They can be double-glazed or triple-glazed windows and are guaranteed the highest standards of thermal and acoustic insulation, energy efficiency and security.

Elite 92-ALU



Thermo 80-ALU



Combi ALU+



Thermo HS-ALU





OPERATIV CONSTRUCT
CASE CU PERSONALITATE

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