

VILLA MALAVASI - SAN FELICE, MODENA

REBUILDING A SAFE AND SUSTAINABLE FUTURE WITH WOOD

A wooden villa of 450 square meters, located in San Felice sul Panaro, was built entirely with the Xlam construction system, reflecting the criteria of environmental sustainability and energy saving characteristic of green building, in addition to the speed of assembly of the structure, typical of the construction of a wooden house: thanks to the prefabricated custom-made panels, construction times are considerably shortened.

PRODUCT SPECIFICATION

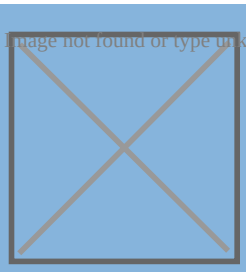
Single-family Residence

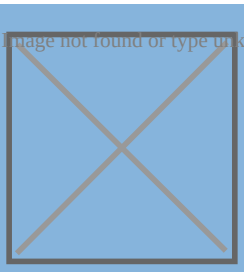
Localization: San Felice sul Panaro (MO)

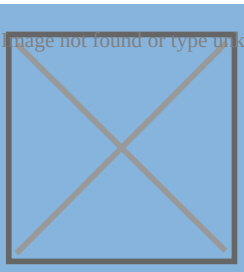
Intended use: Detached or Duplex homes

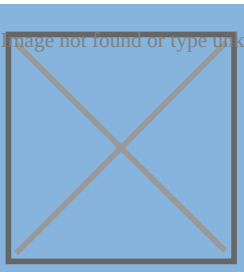
Architetural and structural design: Studio Tecnico Geom. Sergio Gualdi

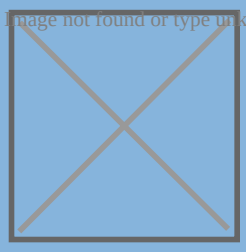
Total area: 450ft





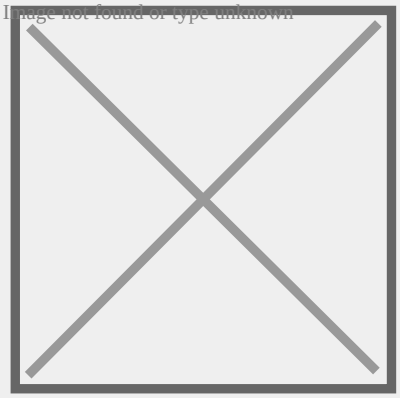






BUILDING SYSTEM

XLAM



Reasons for choosing the Xlam system

The Xlam system is a technical innovation in the construction of timber homes and buildings. The system's exceptional versatility allows the creation of a wide range of architectural constructions, including multi-storey **timber buildings**. The system assures **optimal thermal insulation** and a high level **of fire resistance**, a fast drying process and exceptional **acoustic insulation**.

About the Xlam system

The Xlam panel is composed of crossed layers bonded together, making the construction system extremely **versatile**. Composed of 99.4% timber and 0.6% adhesives, Xlam is considered to be a monolithic material **capable of supporting very high loads and withstanding external stresses and seismic activity**.

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Sede / Headquarter:

Sistem Costruzioni s.r.l.
Via Montegrappa 18 - 20
41014 Solignano di Castelvetro (MO), Italy
Tel. +39 059 797477 - 797591
Fax. +39 059 797646

info@sistem.it
www.sistem.it

Sucursal Cuba

Centro de Negocios Miramar
Calle 3a e/e 76 y 78, Edificio Beijing,
Piso 1, Oficina 133
Ciudad de la Habana, Cuba
Tel. 0053 7 2040823

sistemcuba@enet.cu
www.sistem.it