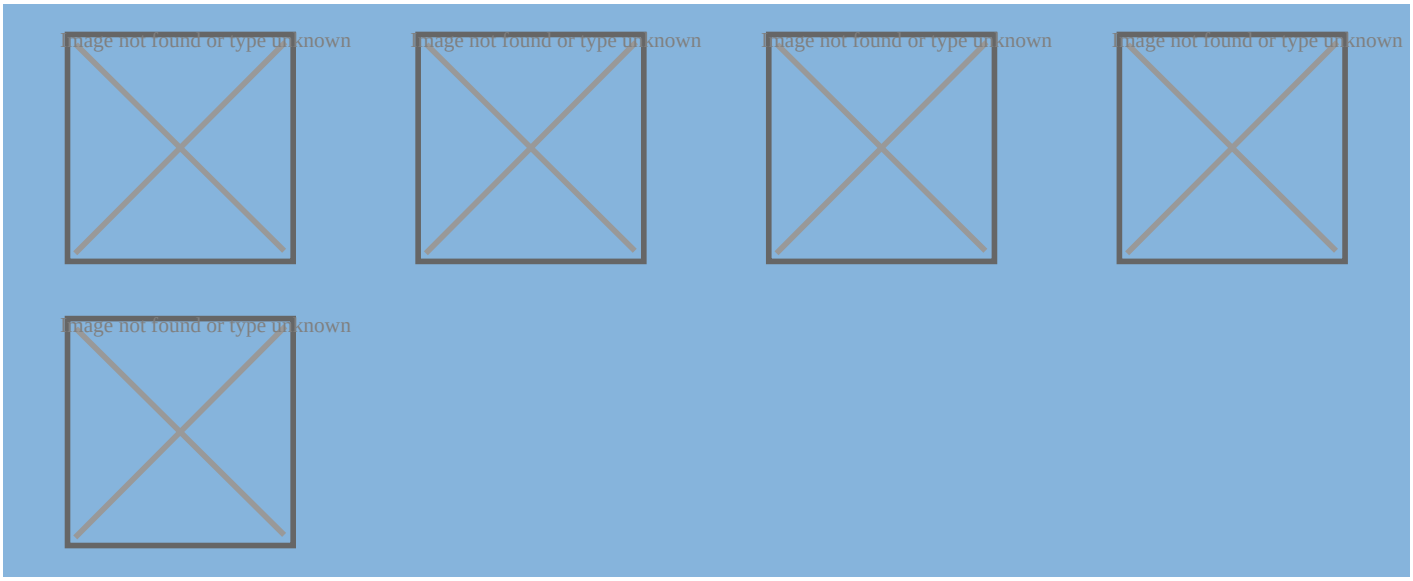
VILLA MALAVASI - SAN FELICE, MODENA

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.

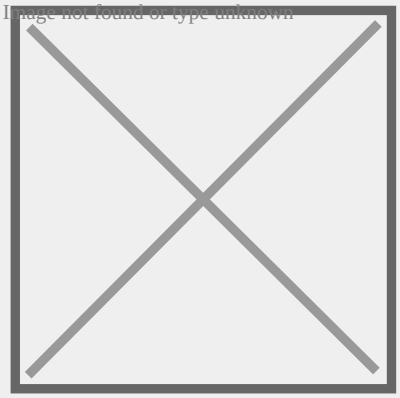
PRODUCT SPECIFICATION

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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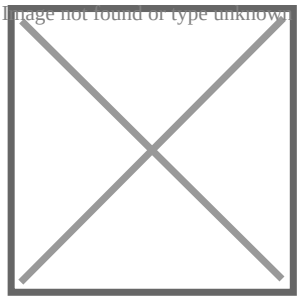

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