

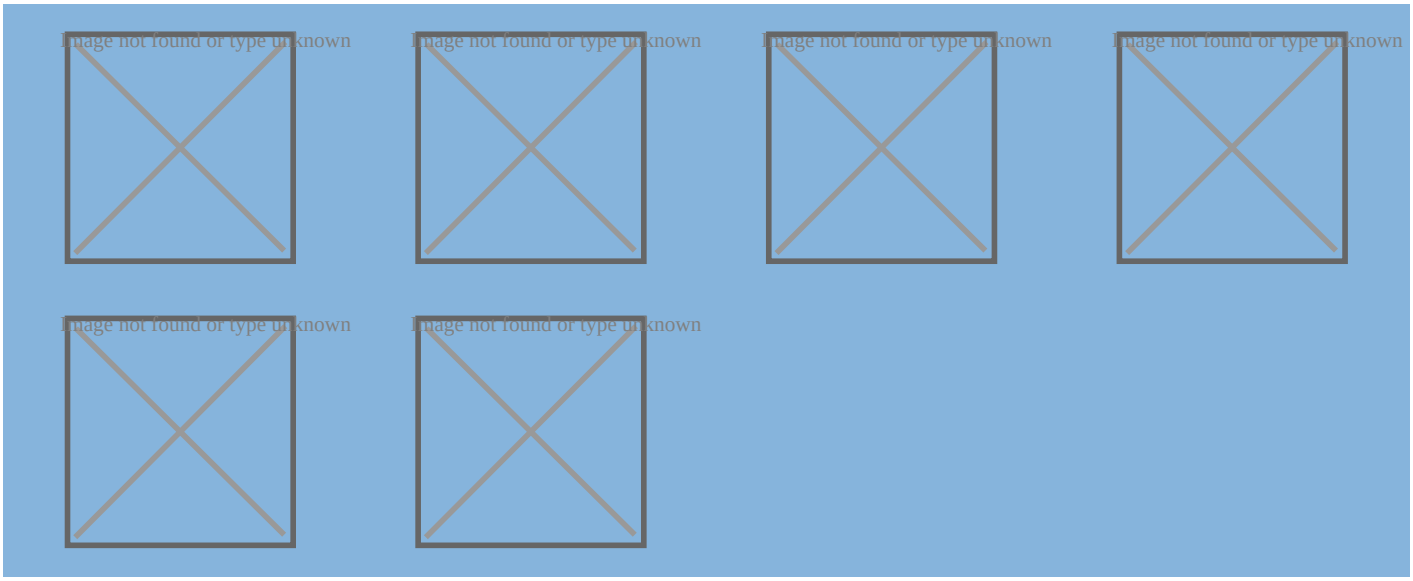
HOUSE IN X BLOCK IN MODENA

AN INNOVATIVE USE OF XLAM AND BLOCK-HOUSE TECHNOLOGIES

Today we present a two-level residential building of 200sqm built with "X-Block" technology in the province of Modena. The X-Block system combines Xlam construction technology with the Block-House system.

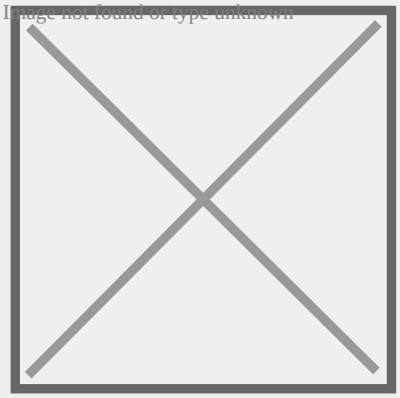
PRODUCT SPECIFICATION

Single-family Residence
Localization: Modena
Intended use: Detached or Duplex homes Residential buildings
Architetural and structural design:
Total area: 200ft



BUILDING SYSTEM

XLAM



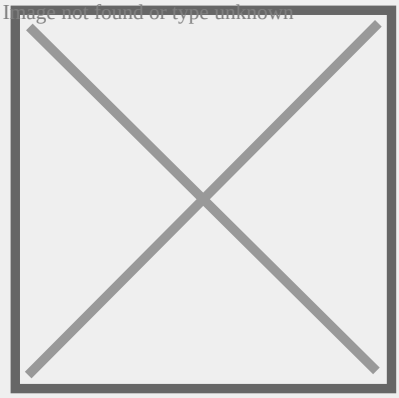
Reasons for choosing the Xlam system

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**.

Block House



Reasons for choosing the Block House system

The **Block House construction system** makes it possible to **build prefabricated timber houses and villas that are solid, compact** and perfectly **thermally and acoustically insulated**.

About the Block House system

This is a traditional timber building system that's widely used in central and Northern Europe and in the Alpine regions. The system involves building a stack of squared wooden logs with longitudinal channels and end machinings to create interlocking corners. The stability of the thus formed walls and their resistance to horizontal loads is achieved thanks to the highly characteristic notched corner joints between adjoining walls at right angles.

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