

CASA DOND - MODENA

A MULTI-STOREY BUILDING WITH INTELLIGENT SPACE MANAGEMENT

In Modena we have built a private house in Xlam on three levels for a total of 400 square meters. The Xlam system is ideal for building multi-storey buildings, guaranteeing high energy performance and excellent anti-seismic characteristics. The architectural articulation covers the entire surface of the lot, also thanks to external walls that make the most of distances from borders and create a play of volumes. Finally, the house is framed by galleries made with larch staves.

PRODUCT SPECIFICATION

Timber apartment block Timber condominium building

Localization: Modena

Intended use: Detached or Duplex homes Residential buildings

Architetural and structural design: Arch. Giovanni Daniele Malaguti

Total area: 400ft

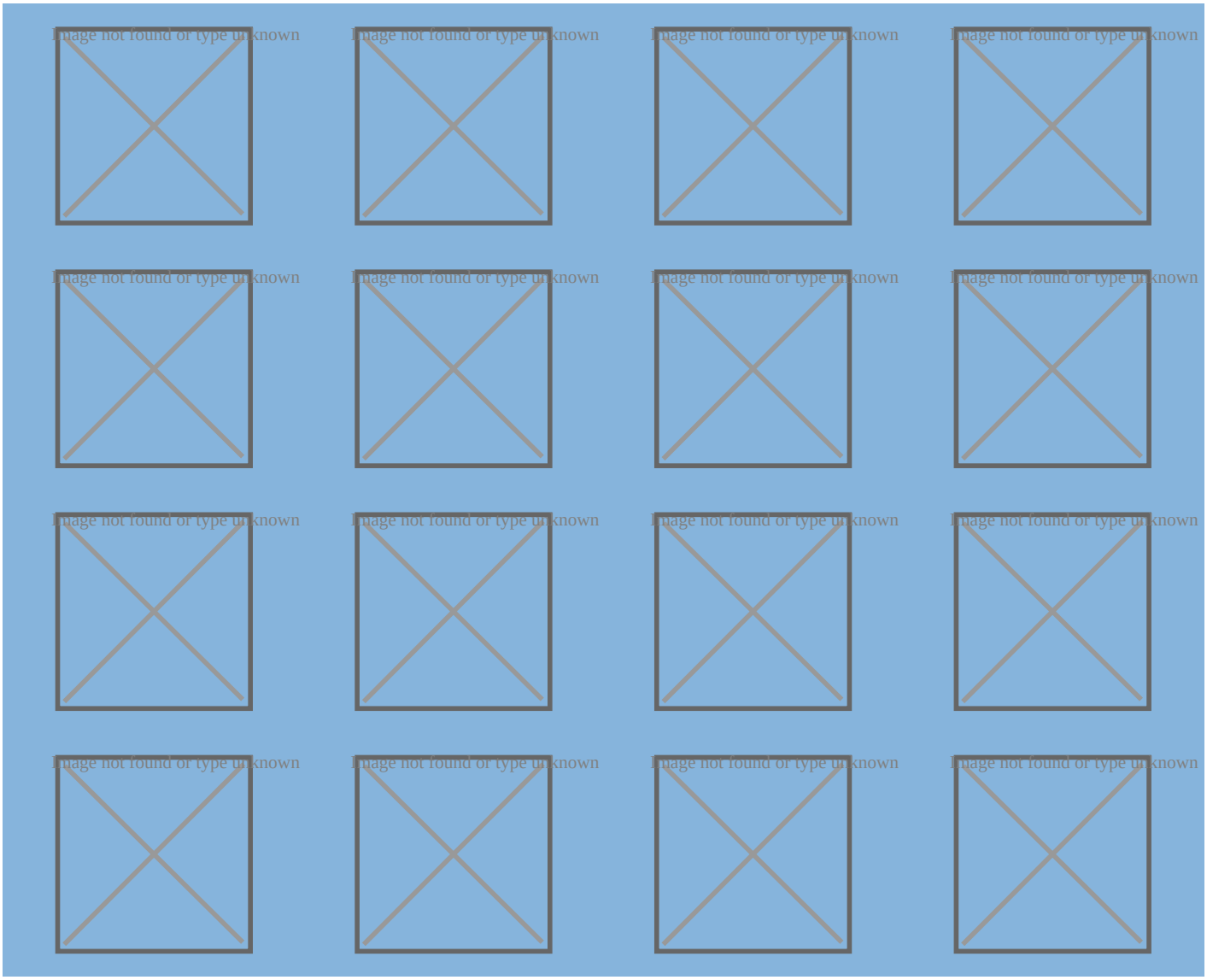
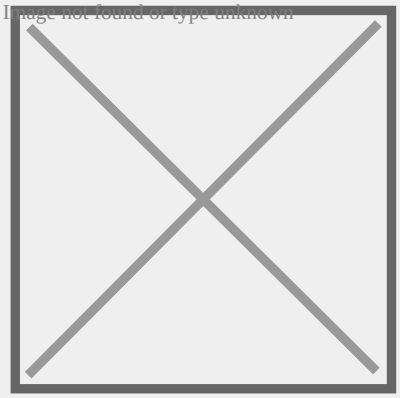


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BUILDING SYSTEM

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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