

PRIVATE HOUSE - GAGGIO (MODENA)

AN INDEPENDENT HOUSE THAT COMBINES LARGE DIMENSIONS WITH GREAT FEATURES

For the construction of this private single-family house in Gaggio di Castelfranco Emilia (MO), it was decided to focus on a modern and elegant project, which would ensure maximum comfort in a safe environment with significant aesthetic value. In the construction of the supporting structure, on a 270 square meter plant, the Xlam system was used, ideal for guaranteeing significant energy savings and significant anti-seismic characteristics. The house, characterized by a single level with a loft portion, was then completed with a roof made of laminated wood.

PRODUCT SPECIFICATION

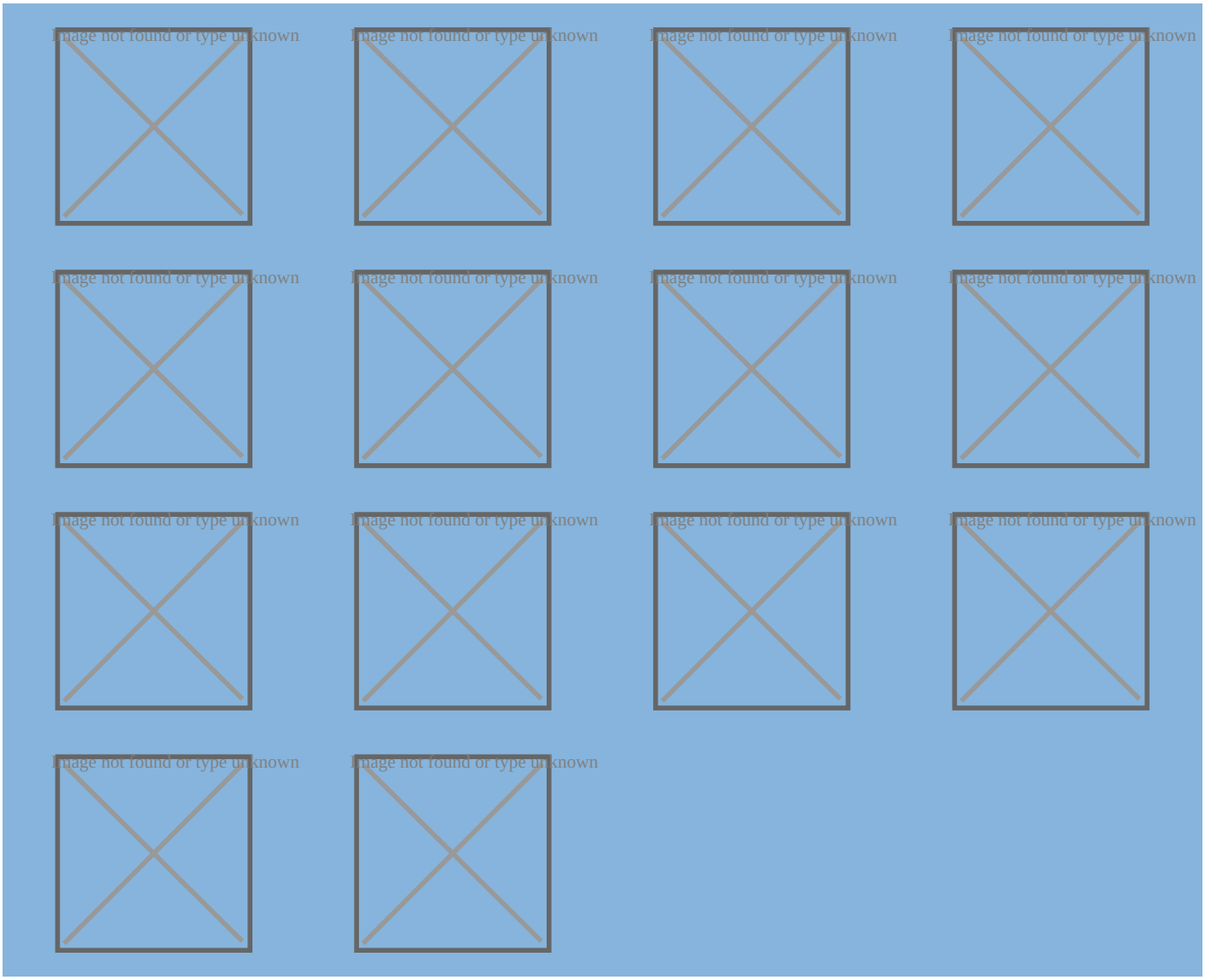
Single-family Residence

Localization: Castelfranco Emilia

Intended use: Detached or Duplex homes

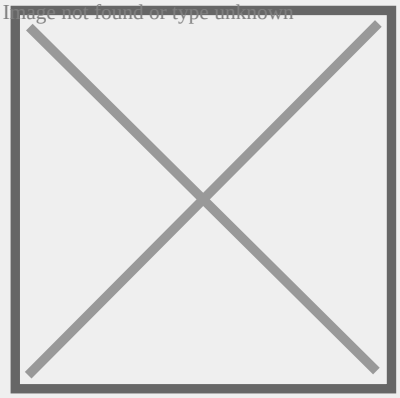
Architetural and structural design:

Total area: 270ft



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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