



# 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

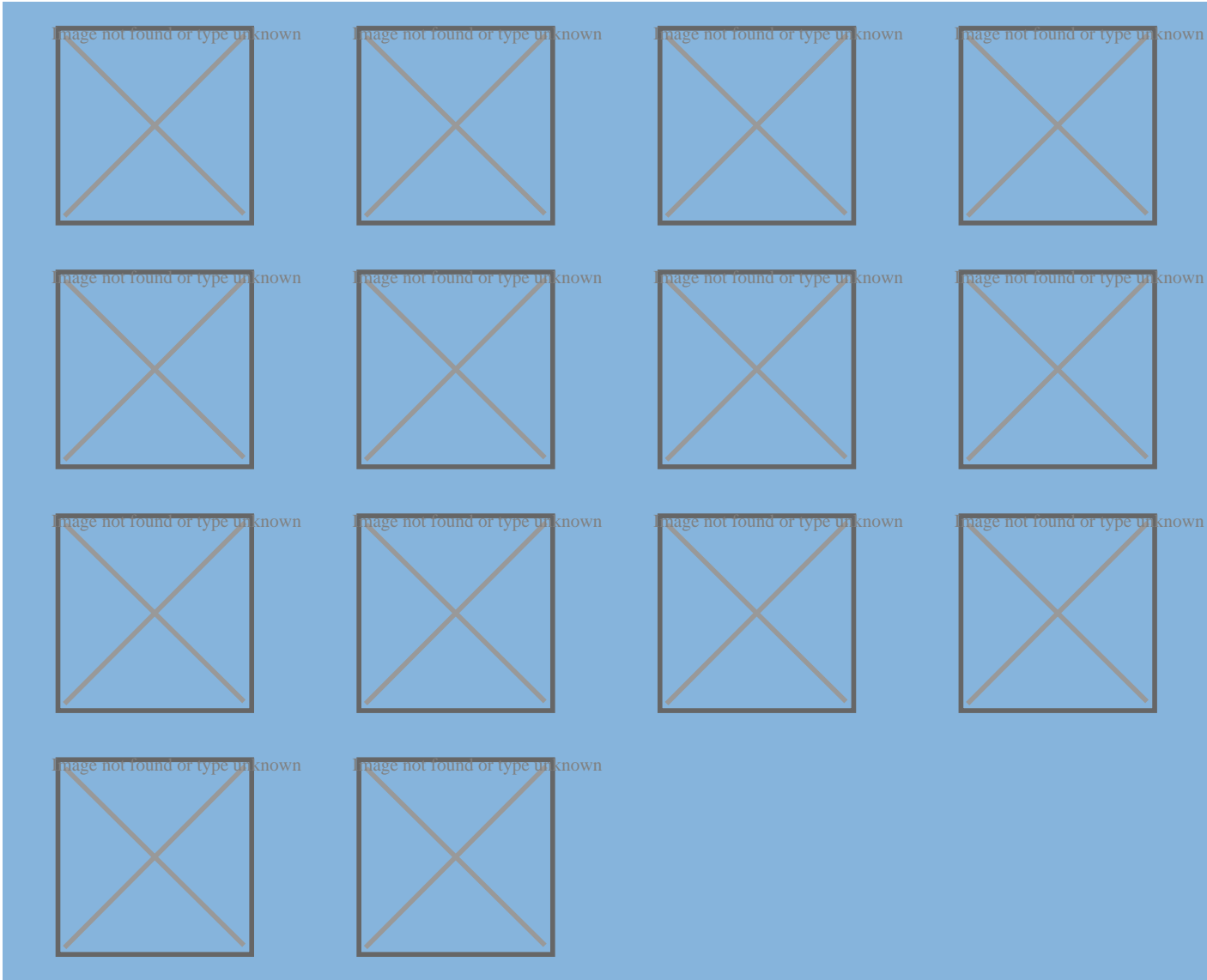
Single-family Residence

**Localization:** Castelfranco Emilia

**Intended use:** Detached or Duplex homes

**Architetur 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.



**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](mailto:info@sistem.it)  
[www.sistem.it](http://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](mailto:sistemcuba@enet.cu)  
[www.sistem.it](http://www.sistem.it)