

The modern design of this spacious detached timber villa reflects the desire to create a **private and discrete timber home** offering ample vistas over the surrounding countryside. The house has spacious **well-lit rooms**, thanks to the **large windows**, **solid dividing walls** and **narrow glazed openings facing the road**. An **advanced structural timber building system** The structural system is composed of walls and floors in load-bearing Xlam multi-layer wood panels. This construction solution allowed efficient integration between the building and the technological systems resulting in a home, with **energy class** "A", that offers a refined interior environment thanks to its exceptional **thermal and acoustic insulation properties**.

# **PRODUCT SPECIFICATION**

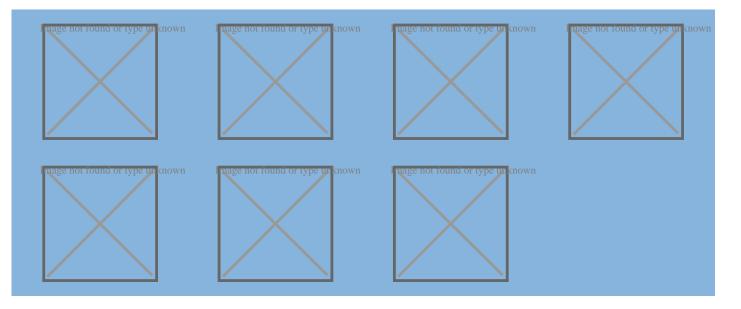
Single-family Residence

Localization: Verona

Intended use: Detached or Duplex homes

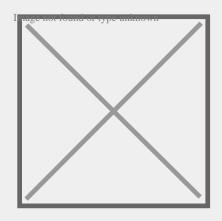
Architetural and structural design: Architects Ambrosi and Marangoni

Total area: 380ft



## **BUILDING SYSTEM**

XLAM

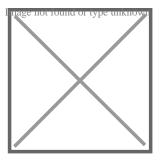


#### Reasons for choosing the Xlam system

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 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 www.sistem.it