



PRIVATE HOUSE SAN GIOVANNI IN PERSICETO

TWO-LEVEL BUILDING IN XLAM

We take you to San Giovanni in Persiceto (BO) in the construction site of a new private house entirely in Xlam. The residential building is spread over 2 levels for a total of 250sqm and has passed the Blower Door quality test. The Blower-Door is a test that allows to measure the tightness of a building after having imposed a certain pressure difference between inside and outside. Fundamental requirement in high energy efficiency houses and in the construction of a passive house. <https://youtu.be/K51ayltnT0>

PRODUCT SPECIFICATION

Single-family Residence Timber apartment block

Localization: San Giovanni in Persiceto

Intended use: Detached or Duplex homes

Architetur and structural design:

Total area: 250ft

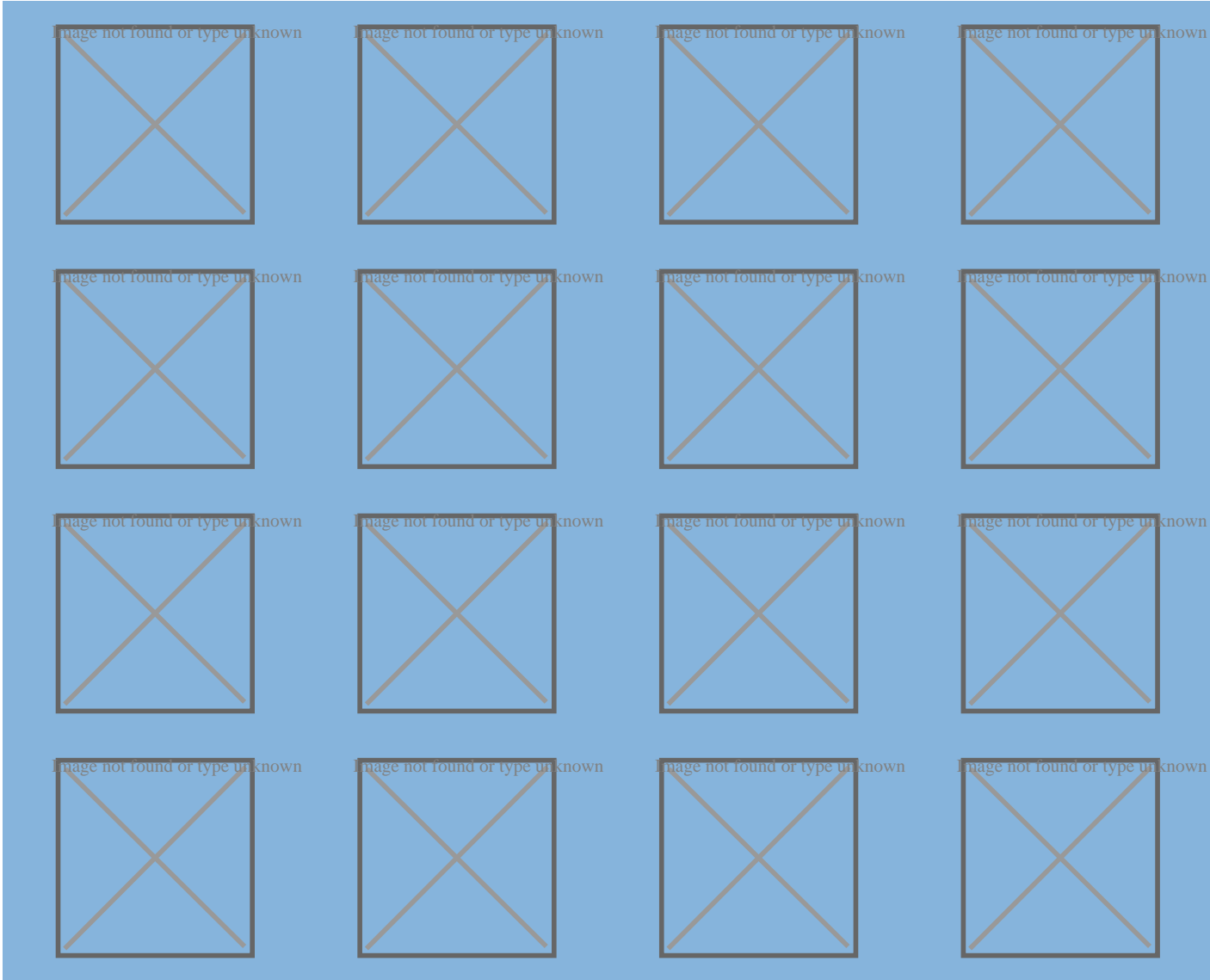


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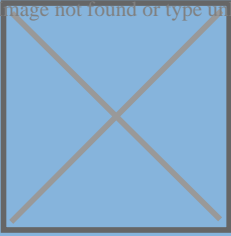


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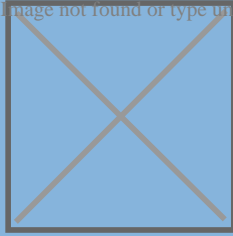


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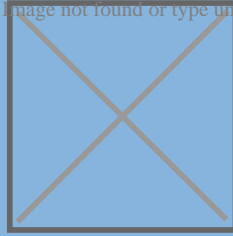


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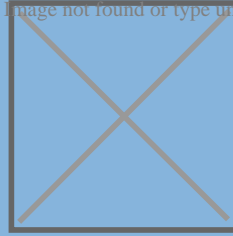


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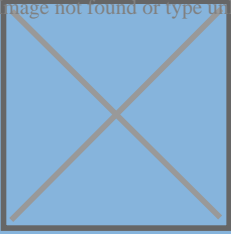


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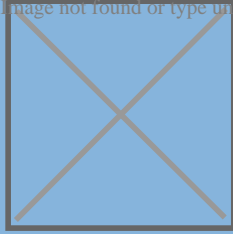
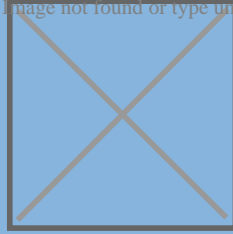
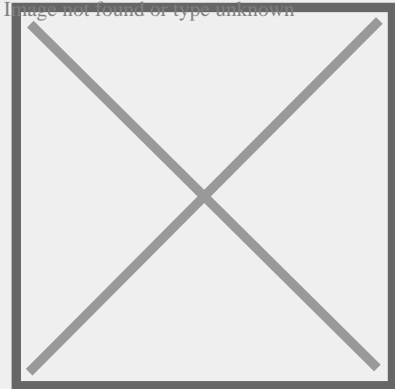


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BUILDING SYSTEM

XLAM

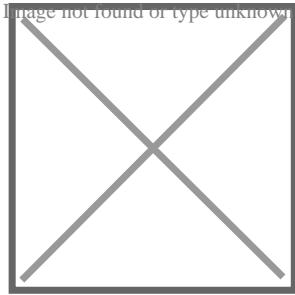


Reasons for choosing the Xlam system

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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