

MULTI-STOREY TEA - APRILIA (LATINA)

MULTI-STOREY STRUCTURES WITH XLAM TECHNOLOGY

One of the peculiarities required by sustainable construction is to reduce the "urban spread" or impact as little as possible on the territory. The effective answer to this problem can be found in the construction of multi-storey wooden buildings. The building built in Aprilia in the province of Latina, is a residential building that is spread over 4 floors, for a total area of 850 square meters, entirely made of Xlam, including walls and floors. This construction system is ideal for multi-storey construction thanks to the flexibility of the material and its qualities of lightness and elasticity, which guarantee excellent responses in terms of seismic protection and energy containment.

PRODUCT SPECIFICATION

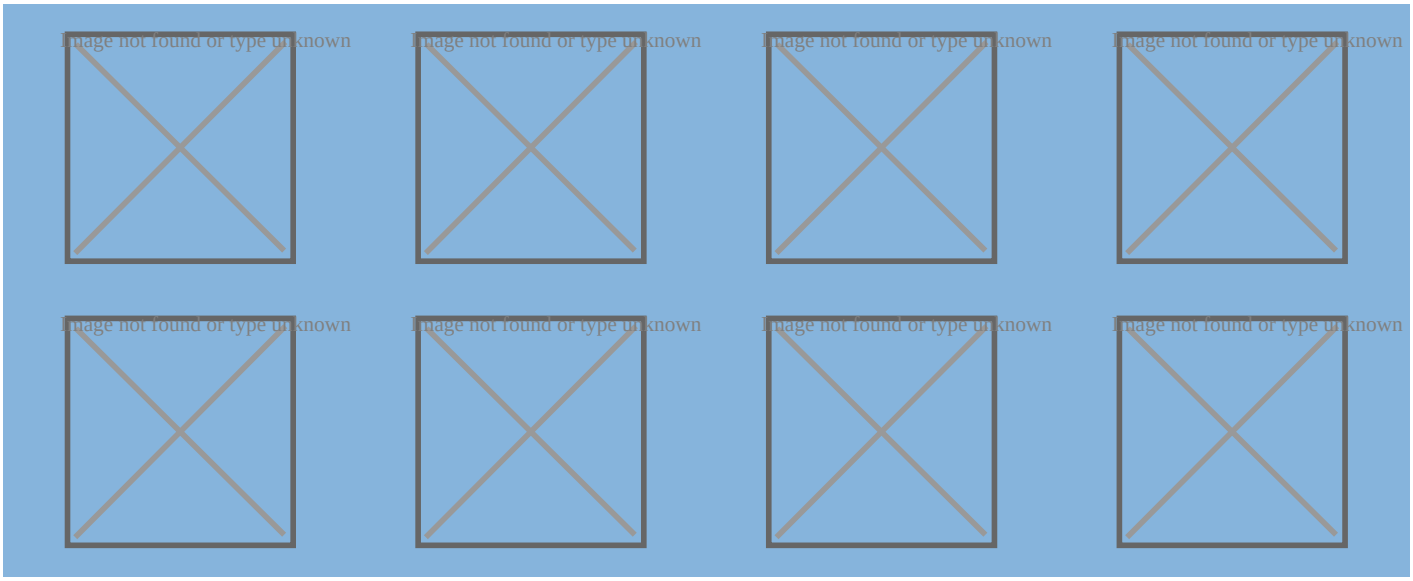
Multi-storey Apartment Building

Localization: Aprilia (Latina)

Intended use: Condominiums, Multi-Storey Buildings and Social Housing

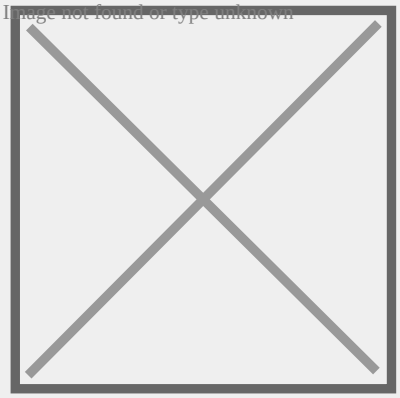
Architetural and structural design: Studio GEOARC

Total area: 850ft



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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