

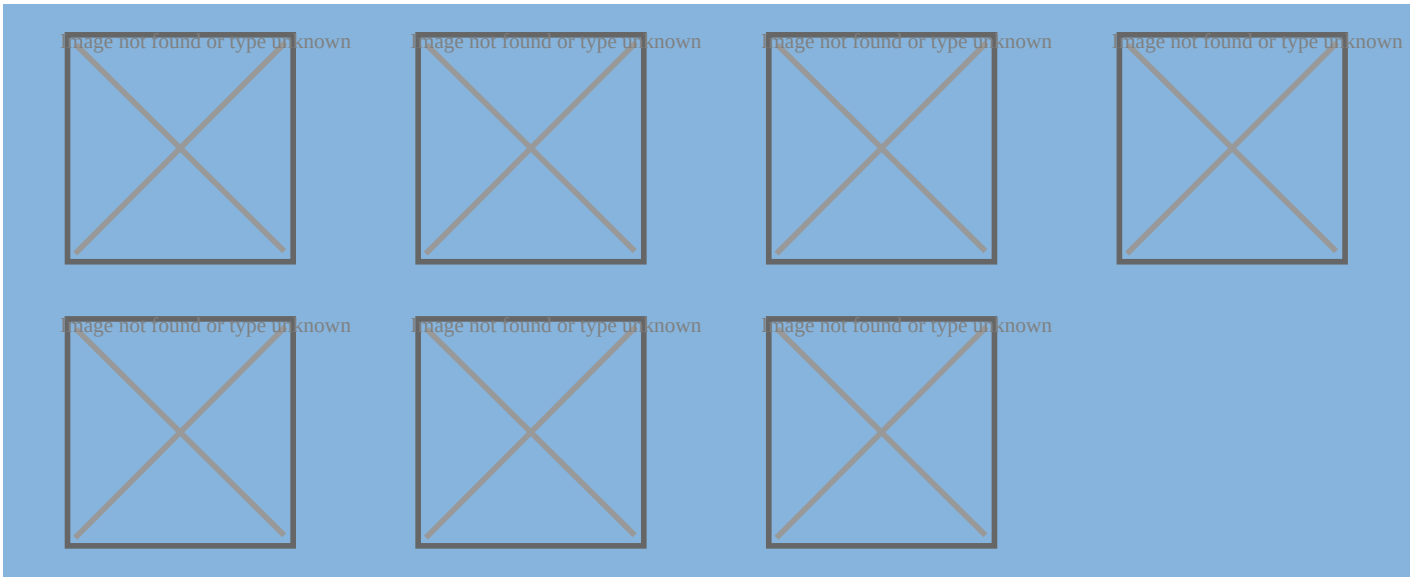
# INDUSTRIAL WAREHOUSE - BONDENO (FERRARA)

## AN ENERGY-EFFICIENT ROOF WITH MULTIBOX PANELS

In Bondeno, in the province of Ferrara, Sistem Costruzioni has created the roofing of a warehouse for warehouse use using the MultiBox construction technology, a modular and customizable system composed of prefabricated panels, which integrates the roof and false ceiling of the buildings into a single module. The system brings the typical concept of sheet metal sandwich panels to the world of wood: a structurally and aesthetically “finished” product, ready to assemble and already equipped with the required thermal and acoustic characteristics.

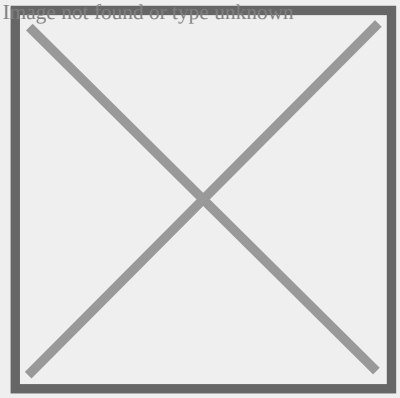
## PRODUCT SPECIFICATION

| |
|---|
| Industrial building |
| **Localization:** Bondeno (FE) |
| **Intended use:** Factories |
| **Architetural and structural design:** Ing. Umberto Zampieri |
| **Total area:** 375ft |



# 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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