



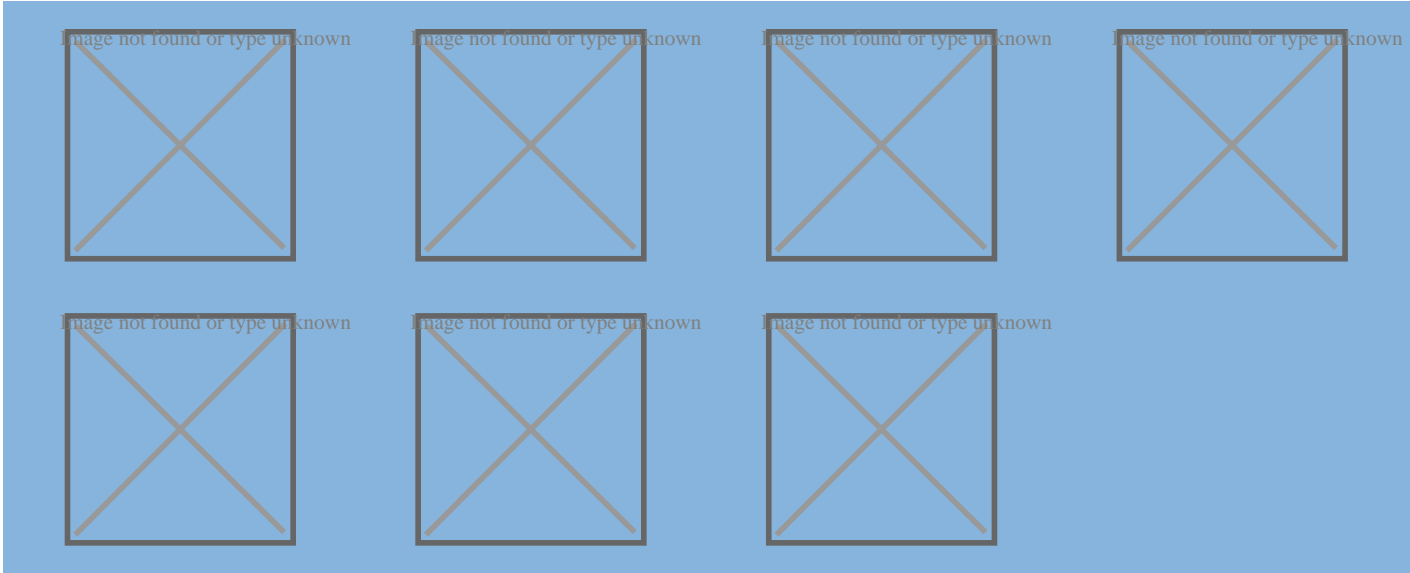
# INDUSTRIAL WAREHOUSE - BONDENO (FERRARA)

## 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
- Architeturale 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**.



#### **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)