

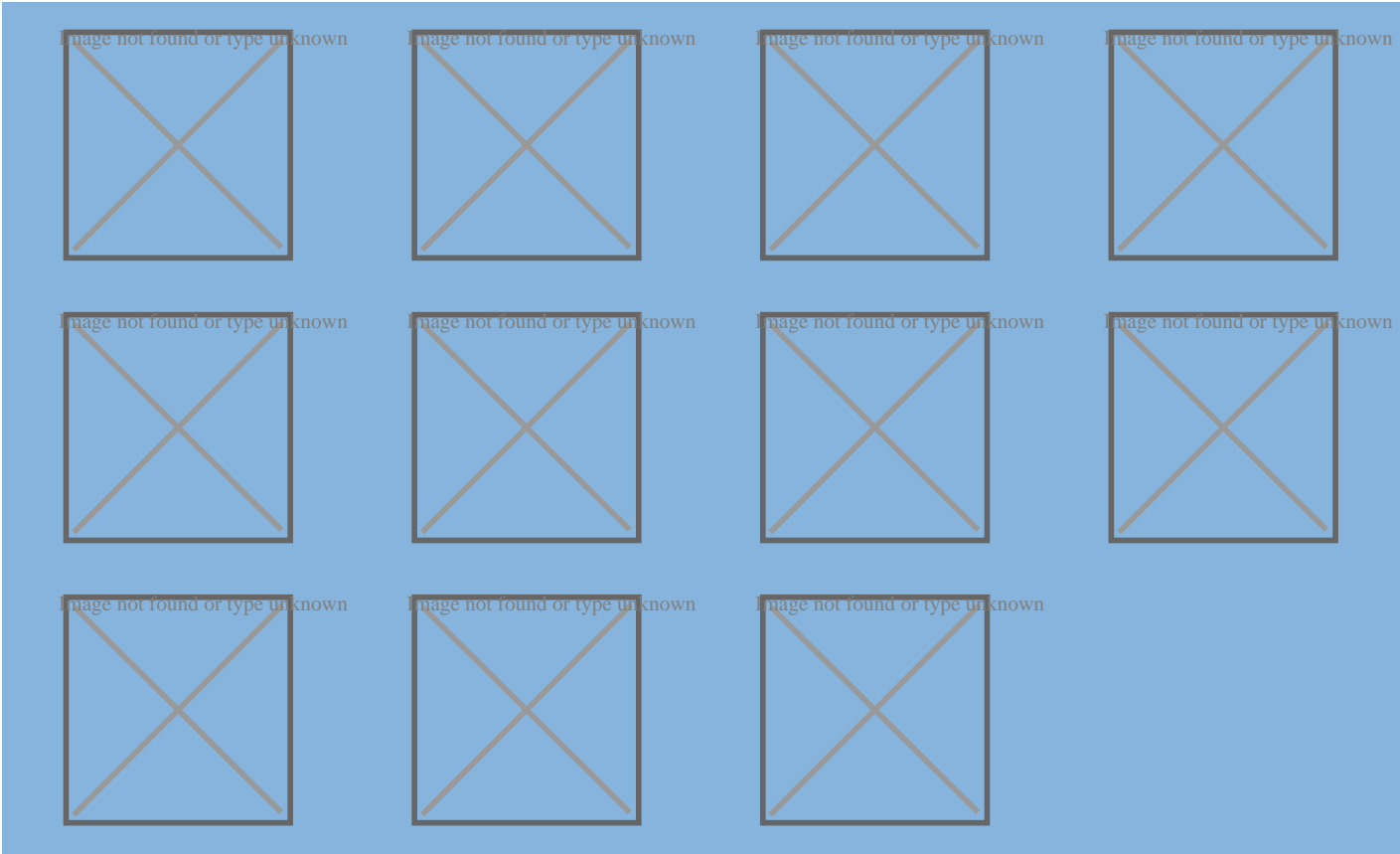
# VILLA AMOLA - BOLOGNA

## A NEW DETACHED HOUSE IN PLATFORM FRAME

In Amola, in the municipality of San Giovanni in Persiceto, in the province of Bologna, we are completing a new villa built with the Platform Frame system, for a total area of 250 square meters. The Platform Frame technology has made it possible to create a particularly efficient structure in terms of anti-seismic, with a significant saving of time and costs. The structure is characterized by attics and roofing with Multibox panels.

## PRODUCT SPECIFICATION

Single-family Residence
Localization: Amola (BO)
Intended use: Detached or Duplex homes Residential buildings
Architetural and structural design:
Total area: 250ft



# BUILDING SYSTEM

## Platform-Frame



### Reasons for choosing the Platform-Frame system

**The Platform-Frame system is ideal for building prefabricated multi-storey homes and other types of timber buildings.** This system can be used to create single residential units and condominium buildings of up to four floors in elevation. That explains why this construction technique is especially suitable for **timber buildings for social housing needs:** structures for emergency accommodation needs and shared community spaces. The system also offers excellent **insulation and antiseismic properties:** it offers the highest structural coefficient of all timber construction types. It's also an **economical** and easy **to erect system**.

### About the Platform-Frame system

**In the Platform-Frame construction system each floor of a building functions as a platform to support the floors above.** Although developed in Northern Europe, the Platform-Frame system is widely used in North America. **Each wall or floor is composed of evenly spaced laminated wood or KVH structural timber studs.** The building frame is covered on the exterior side by OSB structural cladding, fixed by means of ring-shank nails and metal angle brackets. The Platform-Frame system is generally built on a reinforced concrete plinth. The connection between timber building and foundations is assured by threaded steel bars or expansion anchors.



#### **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)