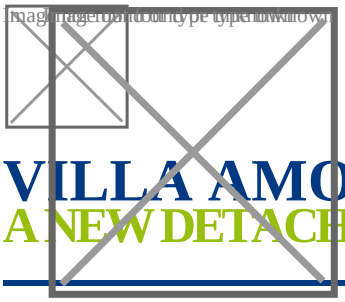
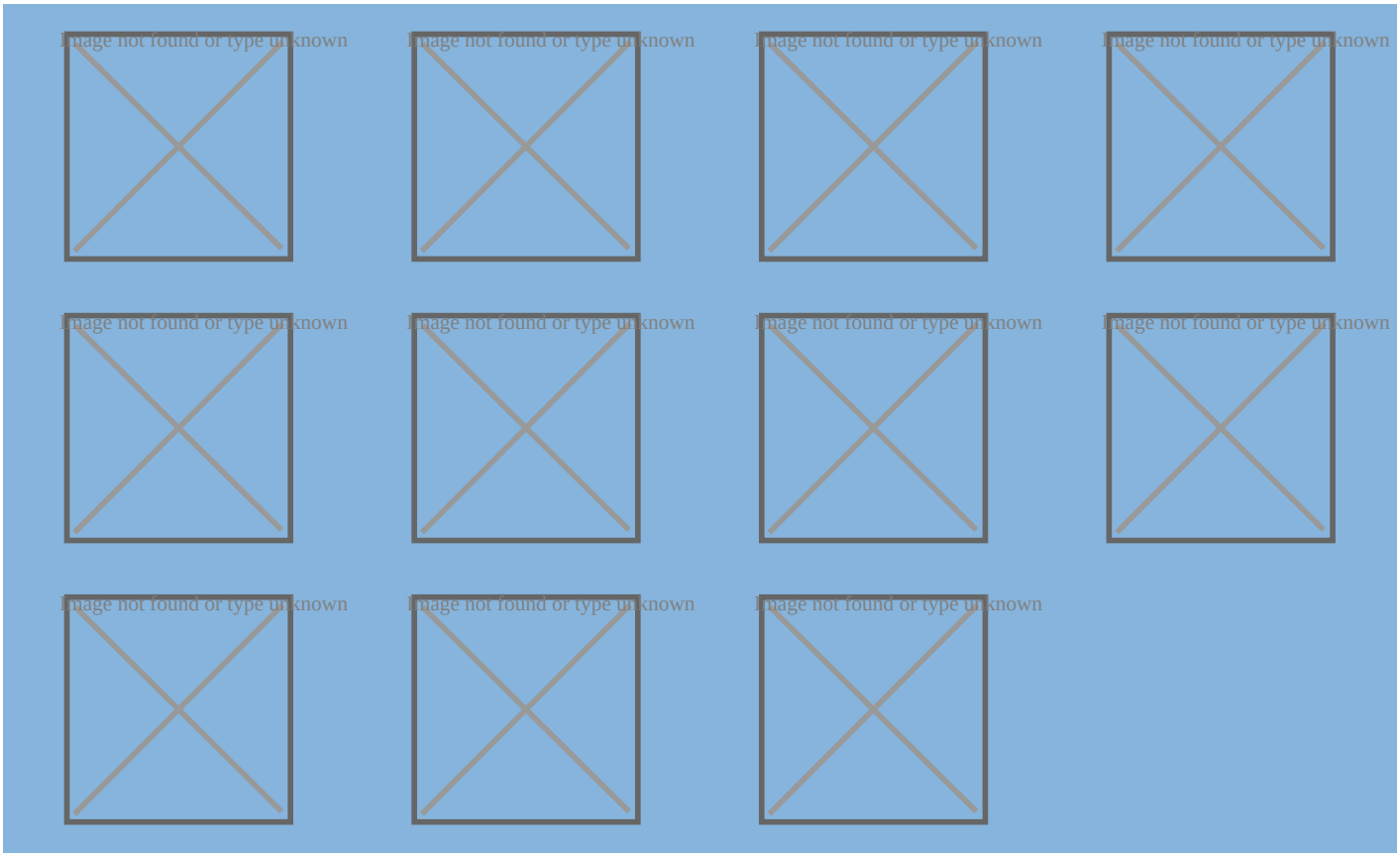


VILLA AMOLA - BOLOGNA
A NEW DETACHED HOUSE IN PLATFORM FRAME

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.

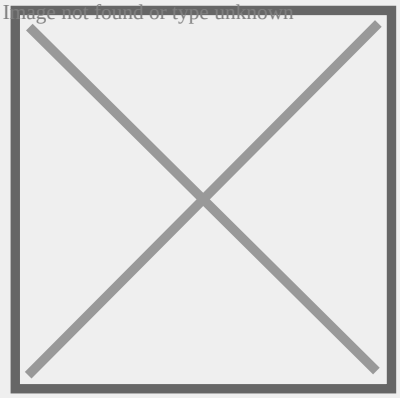
PRODUCT SPECIFICATION

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.

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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
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
www.sistem.it