

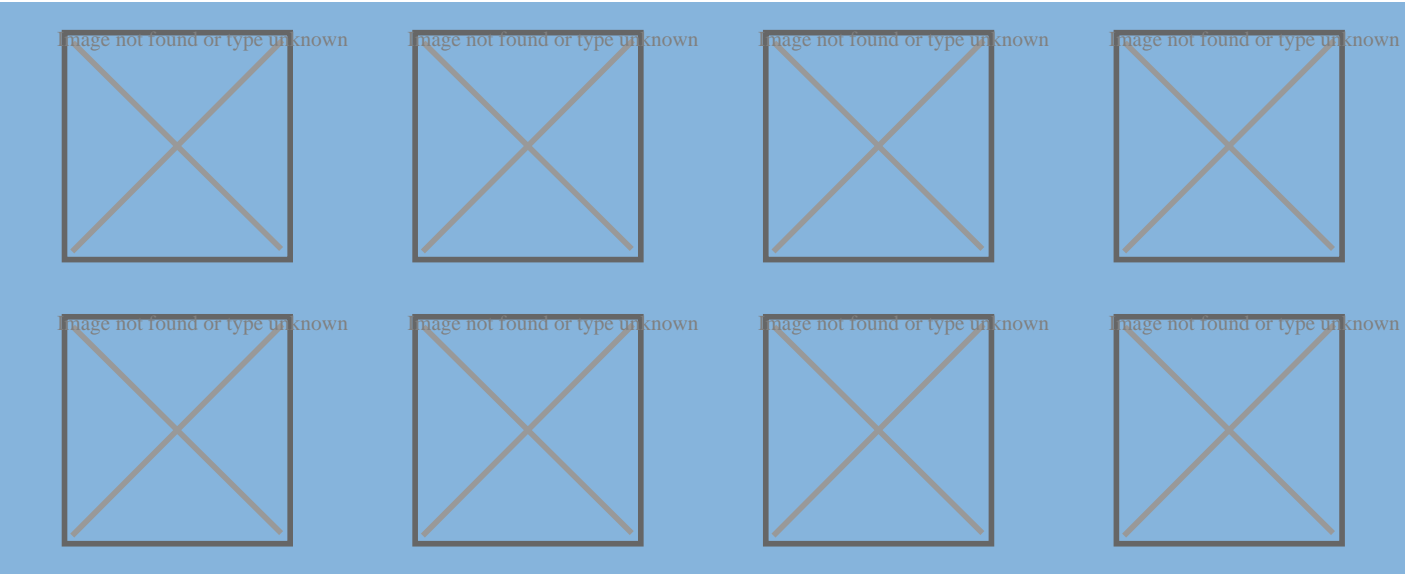
# VILLA BORRI IN SAN MARTINO IN RIO

## A NEW PROJECT FOR A HOUSE IN PLATFORM FRAME

In San Martino in Rio, in the province of Reggio Emilia, the realization of a new project signed by Arch. Tabarrini for a residential structure in Platform Frame of over 250 square meters.

### PRODUCT SPECIFICATION

Single-family Residence
<b>Localization:</b> San Martino in Rio
<b>Intended use:</b> Detached or Duplex homes Residential buildings
<b>Architetural and structural design:</b> Arch. Tabarrini
<b>Total area:</b> 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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