



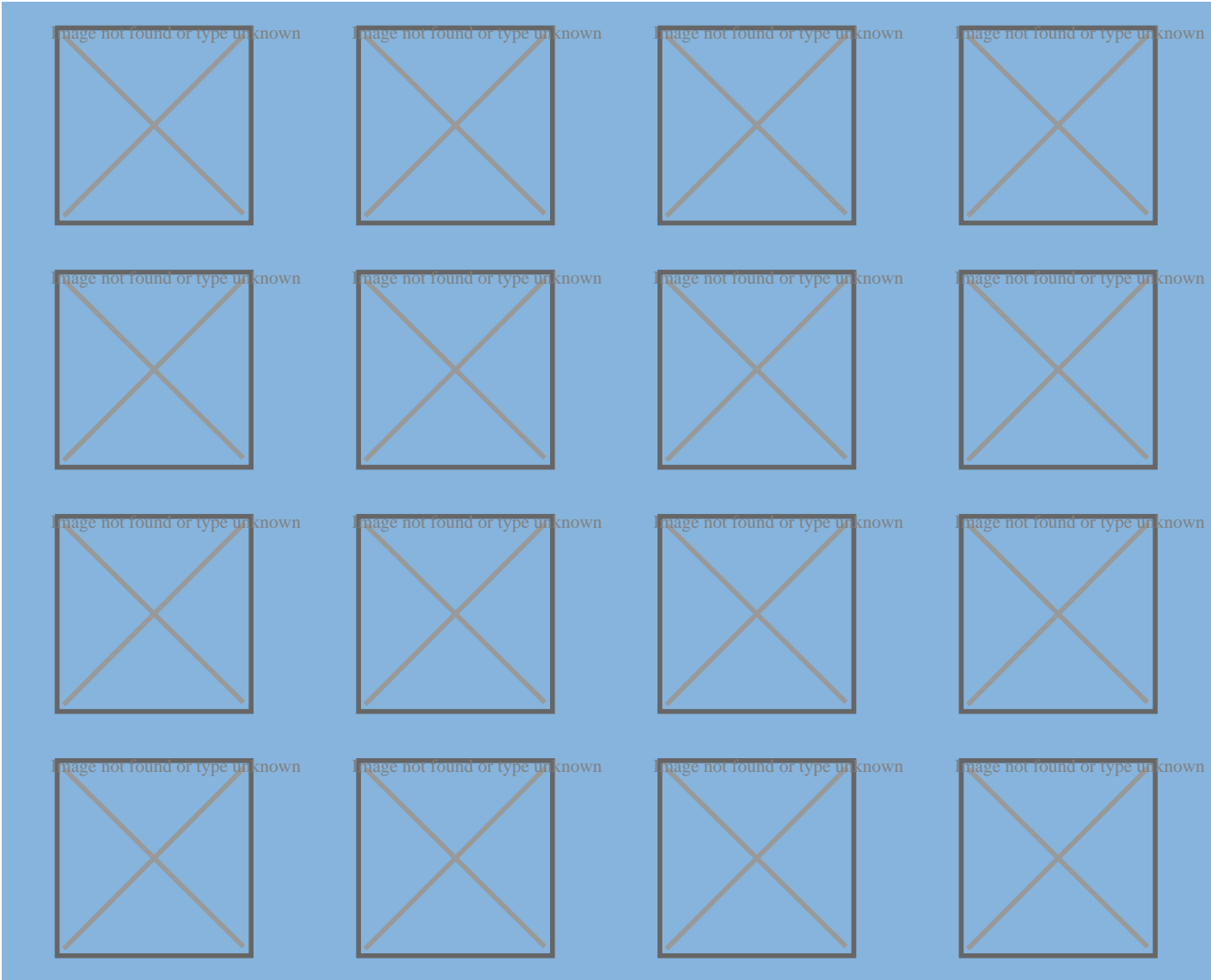
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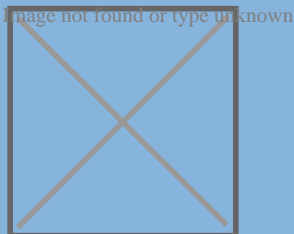
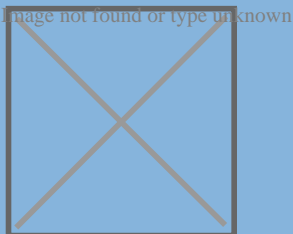
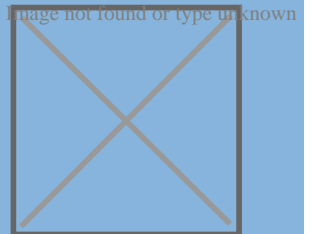
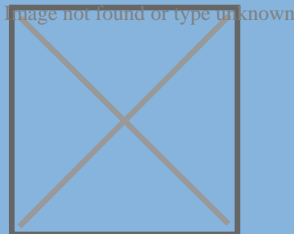
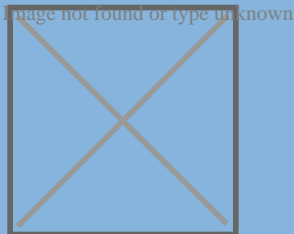
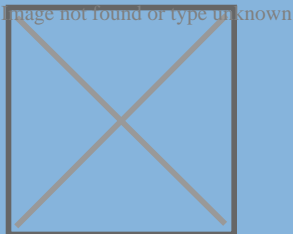
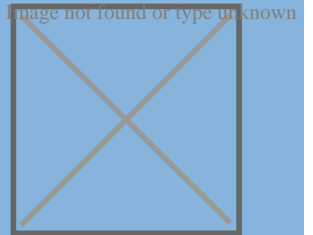
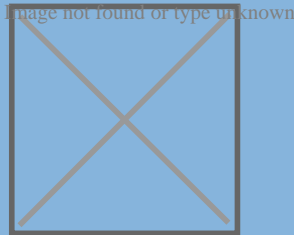
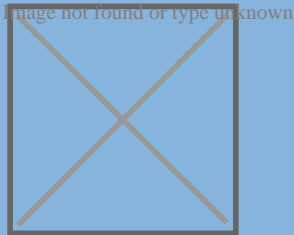
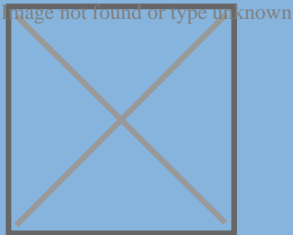
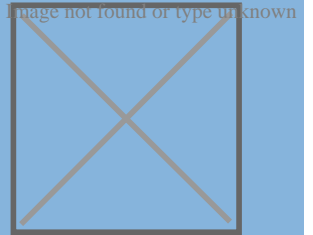
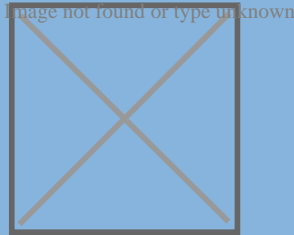
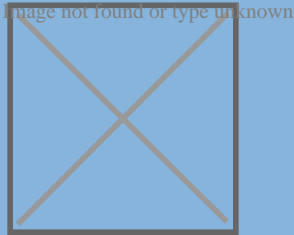
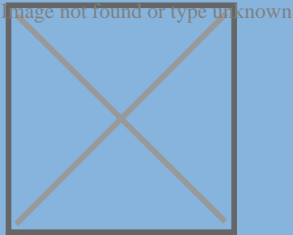
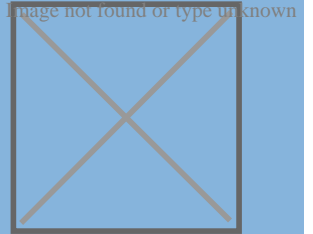
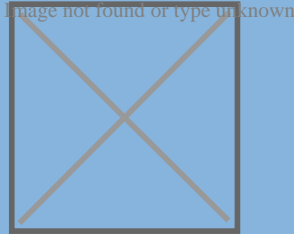
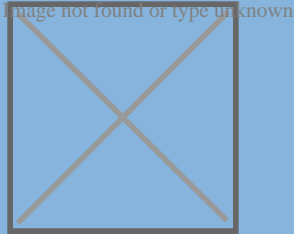
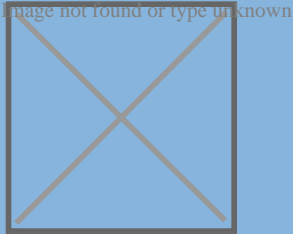
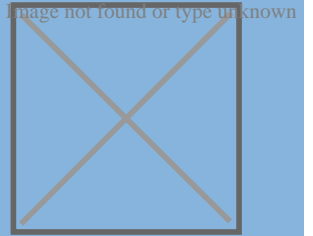
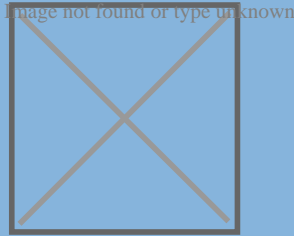
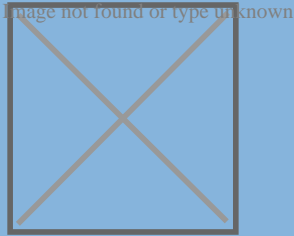
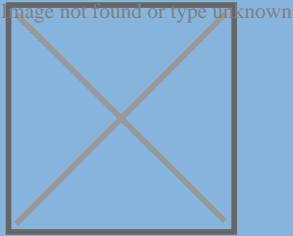
## A NEW BUILDING IN PLATFORM FRAME

[vc\_row][vc\_column][vc\_column\_text]In the province of Reggio Emilia we have built a private villa of over 300 square meters with Platform Frame technology. The use of this construction system allows to obtain excellent results as regards the anti-seismic, also by developing the building in height and on surfaces of significant dimensions.[/vc\_column\_text][vc\_video link="https://youtu.be/ZByWcusZ\_Rw" el\_width="90"][/vc\_column][vc\_row]

## PRODUCT SPECIFICATION

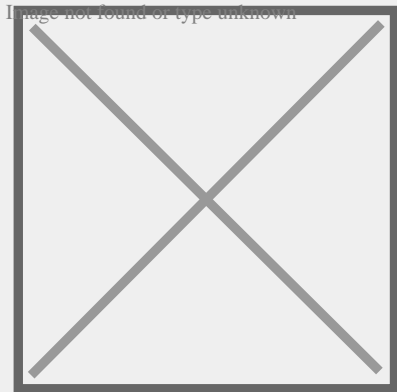
|  |
|--|
| Single-family Residence                                      |
| Localization: Reggio Emilia                                  |
| Intended use: Detached or Duplex homes Residential buildings |
| Architetural and structural design:                          |
| Total area: 300ft  |





# BUILDING SYSTEM

## Platform-Frame

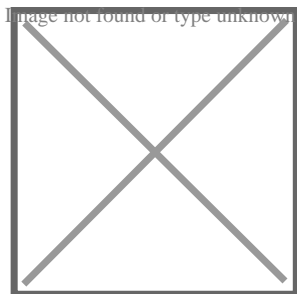


### Reasons for choosing the Platform-Frame system

**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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