

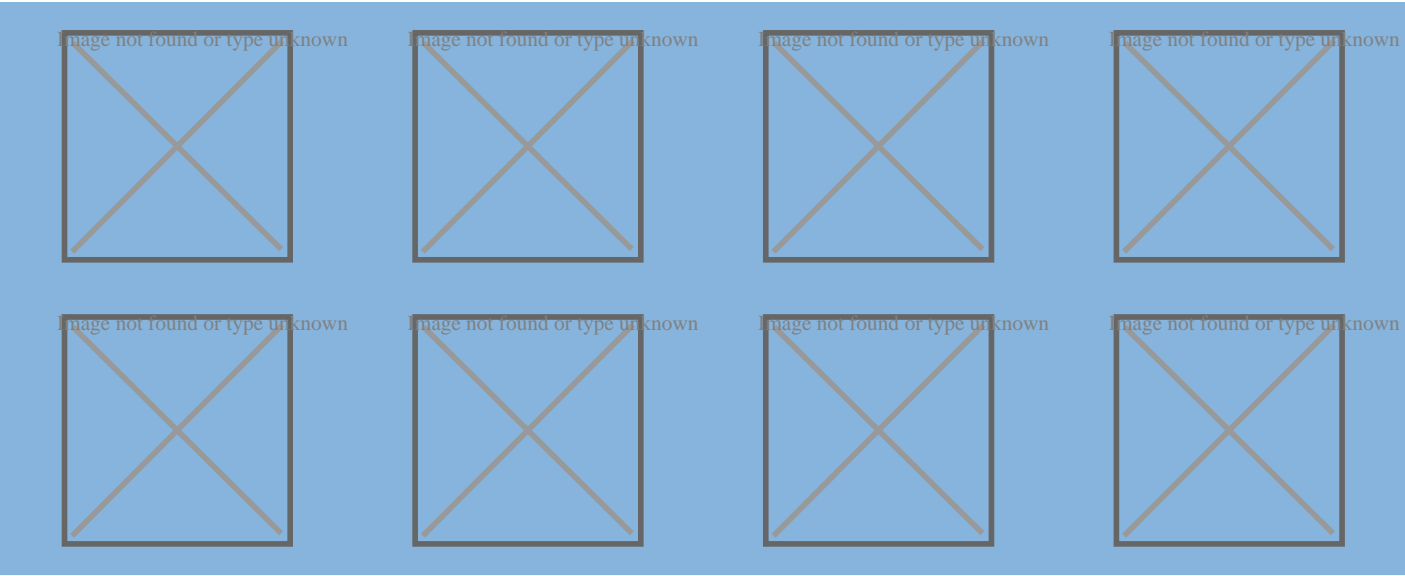
# CASATECH CAVEZZO (MO)

## RECONSTRUCTION WITH PLATFORM FRAME TECHNOLOGY

Details of the reconstruction of a production building with Platform Frame construction technology, in Cavezzo, in the province of Modena.

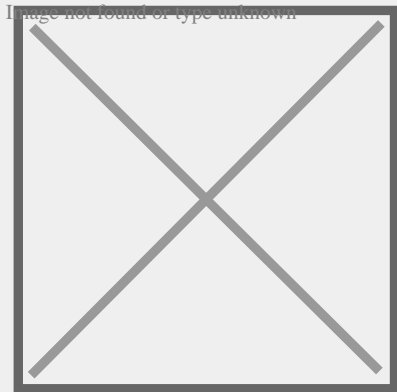
### PRODUCT SPECIFICATION

Production building
Localization: Cavezzo (MO)
Intended use: Factories
Architetural and structural design:
Total area: ft



# BUILDING SYSTEM

## Platform-Frame

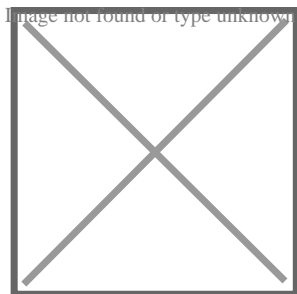


### Reasons for choosing the Platform-Frame system

**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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