

DomusLignea

by [vincenzo guzzo](#) / ⌚ 2018-06-05 11:02:44 / Italia / 👁 7374 / 🇮🇹 IT



Building Type : Collective housing < 50m

Construction Year : 2017

Delivery year : 2017

Address 1 - street : via Martiri Palestinesi 20092 CINISELLO BALSAMO, Italia

Climate zone : [Csa] Interior Mediterranean - Mild with dry, hot summer.

Net Floor Area : 1 200 m² Useful area (es)

Construction/refurbishment cost : 2 500 000 €

Number of Dwelling : 16 Dwelling

Cost/m² : 2083.33 €/m²

General information

Intervention of social housing contracted in XLAM

Data reliability

Self-declared

Stakeholders

Contractor

Name : Galimberti s.r.l.

Contact : via dell'Industria Paderno Dugnano (MI)

Construction Manager

Name : vincenzo guzzo

Contact : via Carducci, 14 Cinisello Balsamo

<http://www.studioguzzopartners.com/>

Stakeholders

Function : Designer

vincenzo guzzo

via Carducci, 14 Cinisello Balsamo

<http://www.studioguzzopartners.com/>

Function : Structures calculist

Bernasconi Andrea

Contracting method

Build and sell construction

Owner approach of sustainability

Excellent balance between architectural quality / costs / obtaining the result.

Architectural description

Ecosustainable building entirely realized with supporting structure in XLAM.

Energy

Energy consumption

Primary energy need : 11,00 kWhpe/m².anno

Primary energy need for standard building : 29,00 kWhpe/m².anno

Calculation method : UNI TS 11300

Renewables & systems

Systems

Heating system :

- Urban network

Hot water system :

- Urban network

Cooling system :

- Reversible heat pump

Ventilation system :

- Double flow heat exchanger

Renewable systems :

- Solar photovoltaic

Products

Product

XLAM

Stora Enso

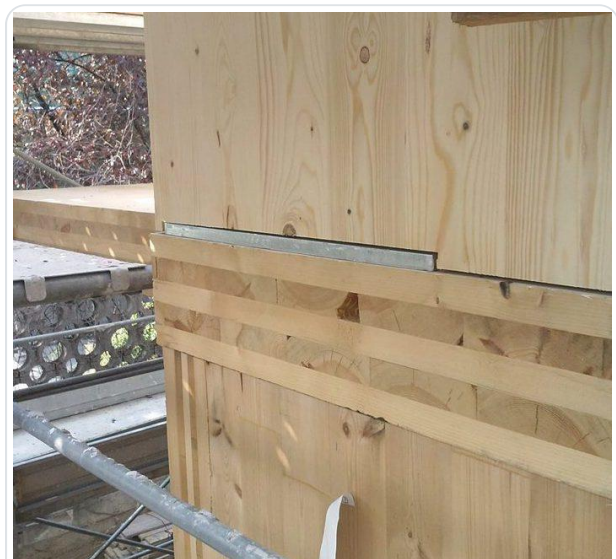
World Trade Center, Klarabergsviadukten
70, C4 P.O. Box 70395 SE-107 24
Stockholm, Sweden

<http://www.storaenso.com>

Product category :

Construction system in laminated wood

excellent



Costs

Construction and exploitation costs

Total cost of the building : 2 500 000 €

Urban environment

Excellent inclusion in the existing context.

Land plot area

Land plot area : 2 000,00 m²

Built-up area

Built-up area : 1 200,00 %

Parking spaces

26

Building Environmental Quality

Building Environmental Quality

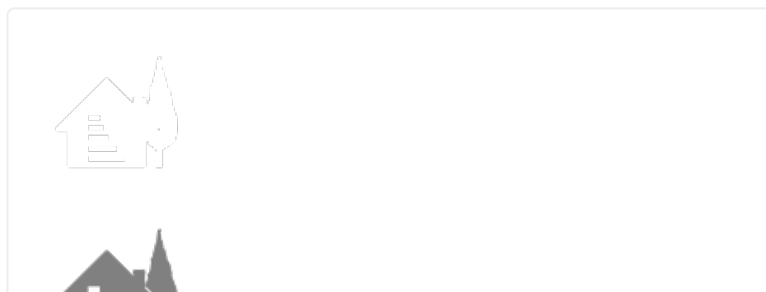
- Building flexibility
- indoor air quality and health
- consultation - cooperation
- acoustics
- comfort (visual, olfactive, thermal)
- energy efficiency
- renewable energies

Contest

Reasons for participating in the competition(s)

Nuovo edificio residenziale convenzionata. Struttura interamente in XLAM. Quattro piani fuori terra oltre piano interrato ad uso box e cantine.

Building candidate in the category





Energia e Climi Temperati



Bassa Emissione di Carbonio



Salute e Comfort



Utenti Preferito