



StoraEnso

Partner of Stora
Enso

NIDO DI MAIA

Mezzocorona (TN), Italy

The building has a total area of 210 square meters and consists of two sections. The main site is on two levels, with the rooms on the ground floor and the living and sleeping areas on the first floor. The secondary and adjacent section is used as a garage.

The entire construction (save the garage) used load-bearing structures made from x-lam panels. The external insulation is mineral wool (ranging from 140 to 200 mm thick in some areas). The external wooden cladding is made of treated larch boards.

The building is equipped with a heat pump heating/cooling system, partly radiant on the floor and walls, and an air exchange system with dehumidification. The home automation electrical system allows optimal house management.

The materials used for the interior finishes were carefully selected to express the warmth of this house, favouring wood and porphyry from the Trentino area. The building consists of a small basement (about 50 square meters) made of reinforced concrete, while the structure above is entirely in X-lam. Alpenos's attachment system, ATTACCO15, was used in this building.

The roof is in x-lam as far as the entire insulated part is concerned, while the eaves are made with lamellar beams buffered at the bottom with a multilayer larch panel. The channels are hidden by a sheet metal frame and the roofing is made of concrete tiles.

The building is equipped with photovoltaic panels embedded in the roof that almost meet the energy needs.

The end result: a house is based on design, comfort, and sustainability.

General

Delivery year

2020

Building type

1-2 Family Dwellings

Area (m²)

210

Storeys

2

Units

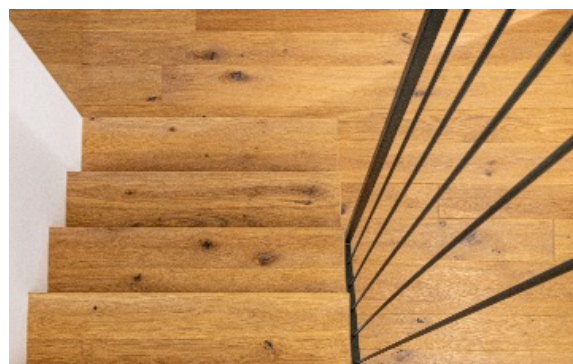


Photo credit: Nikolas Bass Kallmorgen



StoraEnso

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Products

Products and Services

Sylva™ CLT Floors and Roofs,
Sylva™ CLT Walls

Product quality

NVI

Product volume (m³)

63

Team

Partner of Stora Enso

MAK Building

Architect

Gabriele Venturini

Main contractor

ALPENOS di STP srl

Specialist Timber Subcontractor

ALPENOS di STP srl



Photo credit: Nikolas Bass Kallmorgen



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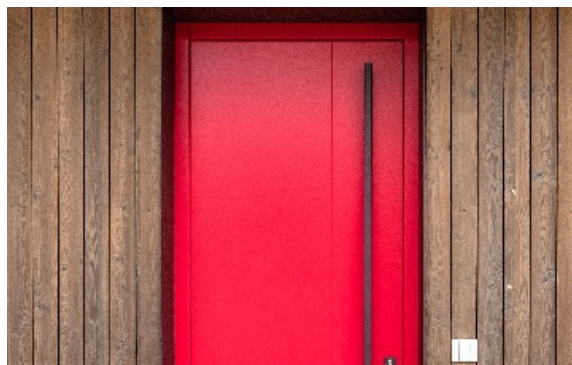


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