



StoraEnso

Partner of Stora
Enso

RESIDENZA MONTE VELO

Bolognano d'Arco (TN), Italy

One of the greatest architectural challenges is renovating pre-existing buildings while keeping their original integrity. Sylva™ by Stora Enso has proven to be a perfect solution because of the versatility, lightweight and mechanical performance of wood. We invite you to see how Sylva was applied in at the Monte Velo Residence.

Situated on the Monte Velo slopes, on the outskirts of Bolognano, the private residence, complete with lush landscaping and a swimming pool is a partial renovation on an existing masonry structure and a brick slab. The most damaged parts of the existing structure were demolished and replaced with a CLT X-Lam wooden structure with Sylva CLT walls and Roof provided by Stora Enso. The structure easily meets REI30 fire performance. The windows are made of aluminum wood with external sunshades.

The residential building houses five apartments on two levels with useful sizes exceeding 45 square meters, for a total of 350 square meters.

The heating is underfloor, while on the flat roof there are photovoltaic panels for the production of electricity and solar panels that take full advantage of the mild climate and favorable exposure.

The result delivers sustainable, healthy homes with luxurious comfort built in.

General

Delivery year

2018

Building type

Multi Residential

Area (m²)

350

Storeys

2

Units

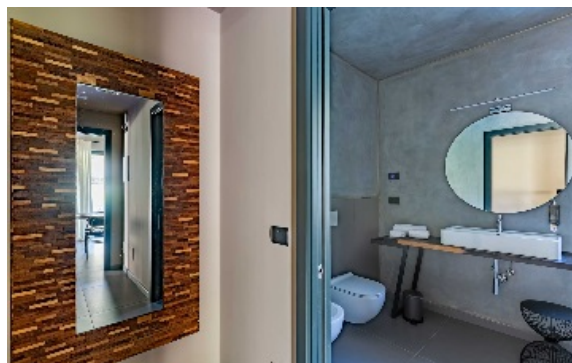


Photo credit: Nikolas Bass Kallmorgen



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Products

Products and Services

Sylva™ CLT Floors and Roofs,
Sylva™ CLT Walls

Product quality

NVI Sylva CLT Walls and Roof

Product volume (m³)

60

Team

Partner of Stora Enso

MAK Building

Architect

Geom. Mattia Covi

Main contractor

ALPENOS di STP srl

Specialist Timber Subcontractor

ALPENOS di STP srl



Photo credit: Nikolas Bass Kallmorgen



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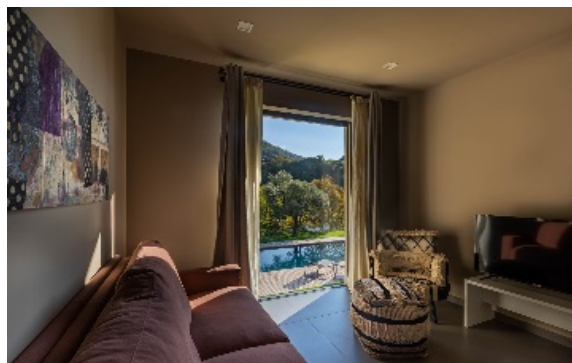


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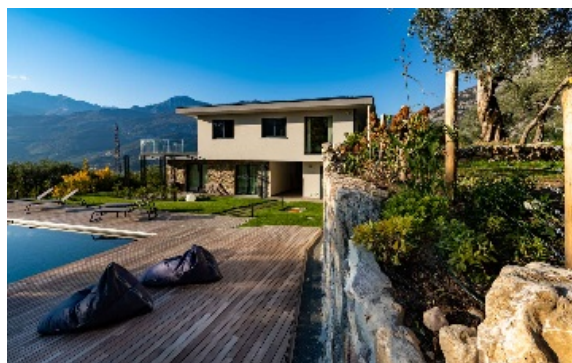


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