



Atelier Svoboda.plan

Dolní Čermná, Czech Republic

Under the Orlické Mountains in the centre of the village of Dolní Čermná, Czech Republic, stands a two-storey mixed-use building made from a prefabricated mass timber kit of parts.

The ground floor houses the administrative offices of the renowned architectural firm [svoboda.plan](#), led by Jiří Svoboda, the project's visionary. Above, the first floor features a spacious apartment designed for a family with children.

Initiated in 2021, the project was completed within a month timeframe by [INNOVAplan](#). The structural frame was completed within three weeks!

The building is engineered to maximize energy efficiency, leveraging the thermal properties of the cross-laminated timber elements to minimize the need for artificial heating and cooling, thereby reducing operational emissions.

The [Sylva™ CLT Walls, Floors, and Roofs](#) are constructed from renewable resource. More trees than were harvested to manufacture the CLT are now growing back in sustainably managed forests in Central Europe.

Learn more

-Watch this [short video about the construction](#)

-Learn more about the advantages with mass timber: [Download whitepaper](#)

General

Delivery year

2021

Building type

Commercial

Area (m²)

130

Storeys

3

Units

1



Photo credit: CZ Czechia



Products

Products and Services

Sylva™ CLT Floors and Roofs,
Sylva™ CLT Walls

Product quality

IVI

Product volume (m³)

150

Product delivery duration
(weeks)

3

Number of deliveries

3

Team

Developer

svoboda.plan

Architect

svoboda.plan

Specialist Timber
Subcontractor

INNOVAplan

Others

Total construction
development duration
(months)

12