

# Extension of the Andel Elite Dental Center Hlohovec, Slovakia



The extension of the Andel Elite Dental Center in Hlohovec (Slovakia) is characterized by the usage of KVH and CLT-massive wood elements by Stora Enso. The three-storey building has a rectangular receding floor plan with two superimposed floors. The extension of the centre is covered with a green roof and on the 2nd floor, there are the main areas of the examination and treatment rooms seamlessly connected to the waiting room. On the 3rd floor is located a lecture room, which also serves as a common room for employees. Facade is realized in Siberian larch which creates an excellent thermal insulation. Wood-aluminium window profiles with insulating safety triple glazing were used for all window openings. KVH and CLT as construction material ensures a fast and easy construction and contributes to a better indoor climate. Applied technologies such as groundwater cooling, air recuperation, etc. amplify the ecological principles. This project was completed in 2019, altogether the family dwelling comprises 245 m<sup>2</sup>.

## General

**Delivery year**  
2019

**Building type**  
Commercial

**Area (m<sup>2</sup>)**  
245

**Storeys**  
3

**Units**  
1



Photo credit: Michal Lachkovič

## Products

**Products**  
CLT, KVH

**Product quality**  
Industrial visible quality (IBI)

**Product volume (m<sup>3</sup>)**  
97



Photo credit: Michal Lachkovič



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 **Team**

**Partner of Stora Enso**  
CLT Slovakia

**Structural Engineer**  
Ing. Lubomír Staník

**Specialist Timber Contractor**  
Ing. David Grajciar

**Architect**  
Ing. arch. Daniel Kubiš, Ing. arch. Mária Šebová, Ing. Martin Plošický

**Main contractor**  
Ing. Ľuboš Mesarč



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 **Others**

**Total construction development duration (months)**  
10

**Timber superstructure erection duration (weeks)**  
2



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