



Photo: UBM



## Timber Praha

### Praha, Czech Republic

Four residential buildings with a total of 62 flats in the rapidly growing district of Stodůlky were constructed using timber – they are the first multi-storey residential buildings of this type in Prague. The high degree of prefabrication of the CLT ("cross laminated timber") enabled a rapid construction period and, as a result, a reduction in the carbon footprint.

In addition to its pioneering position as a multi-storey timber residential building, Timber Praha also makes full use of energy efficiency. A heat pump uses geothermal energy to heat and cool the rooms. Energy consumption can be controlled and read for each flat via a smart home system. External blinds help to prevent overheating in summer. There is also a photovoltaic system on the green roof.

The use of timber ensures user comfort in the interior. The connection to public transport and the immediate proximity to a local recreation area are two other factors that come into play here. Timber Praha, certified with BREEAM Excellent, is an all-round successful example of a highly energy-efficient timber construction that leaves nothing to be desired in terms of living comfort.

## Companies involved

---

### Concept, development

- UBM Development AG

### Timber construction

- ELK TECH GmbH

## Facts

---

### Residential building

- Completed 2024
- Area:  
House J – 1,527.3 m<sup>2</sup> | House K – 1,051.6 m<sup>2</sup> |  
House L – 1,288.1 m<sup>2</sup> | House M – 1,288.1 m<sup>2</sup>

### Energy and environmental aspects

- Wood hybrid construction
- Reduction in construction time thanks to high degree of prefabrication
- Heat pump, geothermal energy
- Photovoltaics
- Green roof
- E-charging stations at 1/3 of parking spaces
- Comprehensive energy monitoring
- External blinds to prevent overheating in summer
- Exhaust air system with air flow elements

### Key figures

- Heating requirements per house:  
J – 33.2 kWh/m<sup>2</sup>a | K – 34.4 kWh/m<sup>2</sup>a |  
L – 33.2 kWh/m<sup>2</sup>a | M – 33.2 kWh/m<sup>2</sup>a
- Primary energy requirement per house:  
J – 64.9 kWh/m<sup>2</sup>a | K – 70.4 kWh/m<sup>2</sup>a |  
L – 58.9 kWh/m<sup>2</sup>a | M – 63.7 kWh/m<sup>2</sup>a

### Awards

- BREEAM Excellent
- Estate Awards 2024 – Environmental Project of the Year 2024



---

For further information contact the AGPB office:  
pulswerk GmbH | 1070 Wien, Seidengasse 13/3 | [agpb.at](http://agpb.at) | [office@agpb.at](mailto:office@agpb.at) | T +43 1 523 61 05