PROJECT

PRIVATE HOUSE

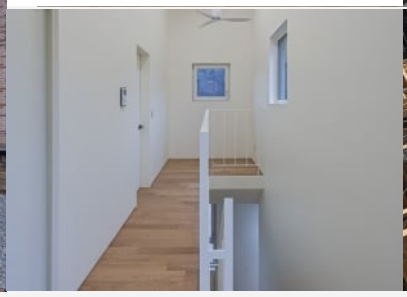
LOCATION
Cheongju, South Korea

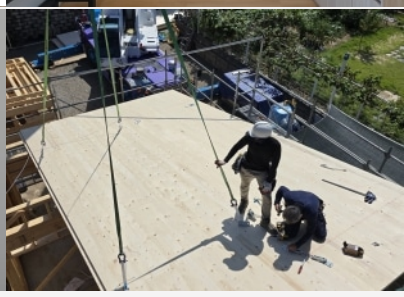
SINGLE FAMILY HOUSES

LIVING WITH
STRUCTURE AND LIGHTNESS

The two-storey family house in Cheongju is a prime example of the efficient implementation of modern residential concepts using timber construction and illustrates the increasing prevalence of timber-based materials in South Korean residential building. KLH® – CLT were used for the roof and ceiling structures, whilst the external walls were constructed using lightweight timber framing. The combination of both construction methods enabled a structural design tailored to the requirements of the house. Thanks to the high degree of prefabrication, the CLT structure was assembled by just two workers within a single day. The short assembly time highlights the advantages of prefabricated timber construction systems and demonstrates the potential of timber construction even in smaller residential projects.

PROJECT INFO
KLH® – CLT: 198 m² / 20 m³
Stored CO2: 15 t CO2 eq.





ARCHITECTURE

UTAA

TIMBER CONSTRUCTION

TTX DnC Co., Ltd

MASS TIMBER PROCUREMENT CONSULTANT

Linwood Inc.

PHOTO CREDITS

Linwood Inc.