

**binderholz** ■

VERSATILE USE | BINDERHOLZ SOLID WOOD PANELS □

# PRODUCTS

## Solid wood panels

In interior design and furniture production, especially in the high-quality sector, the use of solid wood panels as an alternative to other wood-based materials is becoming increasingly important.

### Advantages

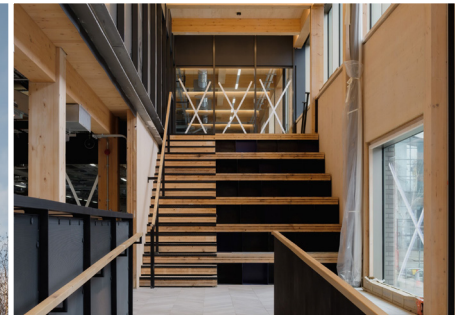
- Wide range of applications in outdoor and indoor areas
- High stability, compactness and strength with a comparatively low weight
- Low susceptibility to cracking - right side of lamellas is outside
- Low distortion - uniform lamella drying
- Easy-to-process, durable material
- Surface and edge processing is possible
- Natural, biologically valuable
- Healthy breathability and high resilience
- Impeccable from the viewpoint of building biology - no additional formaldehyde elimination



# THE GRAMOPHONE WORKS

## London | Great Britain

Based on the canal-side architecture of the past, the impressive 6-storey lightweight construction using glass, binderholz CLT BBS and binderholz 3-ply solid wood panels complements the solid brick plinth that dates back to the 1930s.



## binderholz office building in Baruth Germany

The load-bearing exterior walls were made using so-called binderholz CLT BBS thermal elements. These BBS Thermo walls were constructed from 27.5-cm-thick binderholz CLT BBS without any additional thermal insulation.. The wood surface of all load-bearing components was finished in residential visible quality.





# City Market

## Braga | Portugal

To account for the sustainability aspect, the steel construction was supplemented with wood. 7,000 m<sup>2</sup> of 3 layer solid wood panels which were mounted directly to the steel construction are responsible for the unique atmosphere inside. The façade was clad in 1,300 m<sup>2</sup> of 3 layer solid wood panels, lending the building an air of solid, traditional wood construction, combined with modern style.



# Train station and town hall 'Stadshus'

## Växjö | Sweden

The building was constructed in skeleton construction with supports and beams as well of glulam GLT and beams as well as binderholz CLT BBS ceilings. On the lowest and top floor, timber-frames made of BSH were used. The roof features an impressive, curved shape and was made of 125 elements of binderholz CLT BBS.



# Macquarie University Incubator

## New South Wales | Australien

A total of 105 m<sup>3</sup> of glulam and 2,500 m<sup>2</sup> of 3-layer solid wood panels were processed during a construction period of only a few months.  
The Incubator won several awards in different categories and was nominated for numerous other awards.



Photos: © Murray Fredericks



## Detached house 'An Cala'

Nedd | Scotland

The total of 13 modules consists of binderholz CLT BBS with a wood fibre exterior insulation and a superficially charred larch façade.



Photos: © David Barbour

# Hotel MalisGarten

## Zell am Ziller | Austria

Hotel MalisGarten consists of solid wood products from the floor slab to the roof. binderholz CLT BBS as well as glulam and made of spruce and larch were used for the entire supporting structure. Even the stairwells and lift shafts are made of solid wood.





## Residential and office building Lake Zurich | Switzerland

A total of 195 m<sup>3</sup> of binderholz CLT BBS, 7 m<sup>3</sup> of GLT glulam and 1,900 m<sup>2</sup> of solid wood panels of Swiss pine and fir were installed.



# The Business Premises of Kost Kamm

## Windelsbach | Germany

The company building of Kost Kamm consists of binderholz CLT BBS and 3-layer solid wood panels of spruce A/B used for construction.



# Private semi-detached house Mut zur Lücke

## Innsbruck | Austria

The ceilings and walls inside are partly made of binderholz CLT BBS in visible quality and partly from 200 m<sup>2</sup> binderholz 3-layer solid wood panels of spruce, white glazed.



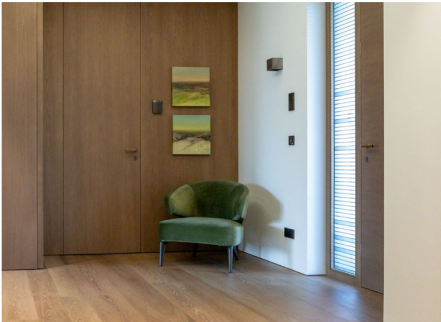
Photos: © David Schreyer



# Single-family house

## Uderns | Austria

The solid wood construction consists of a combination of 176 m<sup>3</sup> binderholz CLT BBS, 15 m<sup>3</sup> GLT glulam and 200 m<sup>2</sup> solid wood panels of White fir of radial and half-radial saw cut A/B.



# Modular Box

## Porto | Portugal

For the prefabricated modular room elements as well as for the interior design and furnishing, binderholz 3-layer solid wood panels made of spruce and larch in various thicknesses from 12 to 50 mm were used.





# Museu Interactivo do Megalitismo

## Mora | Portugal

The 3,300 m<sup>2</sup> 3-layer solid wood panels of spruce A/B were skillfully installed on top of each other and at the same time act as an efficient room divider which shows the archaeological treasures on display off to their best advantage.



# Motorway service station A63 Cestas Ouest

## Bordeaux | France

For the timber construction and interior construction, 120 m<sup>3</sup> binderholz CLT BBS, 40 m<sup>3</sup> GLT glulam and 1,500 m<sup>2</sup> 3-layer solid wood panels of spruce A/B were installed.



Photos: © binderholz



Further projects can be found at [www.binderholz.com/en-us/mass-timber-solutions](http://www.binderholz.com/en-us/mass-timber-solutions)



Borgafjellet Primary School  
Os | Norway



INTRO  
Cleveland | USA



binderholz office building  
in Baruth | Germany



Train station and town hall 'Stadshus'  
Växjö | Sweden



Quartier Prinz-Eugen-Park  
Munich | Germany



Hotel MalisGarten  
Zell am Ziller | Austria



Seethalerhütte  
at the Dachstein | Austria



Coffee Production Plant Johannson  
Vestby | Norway



Single-family house  
Uderns | Austria



Water Park Rulantica  
Rust | Germany

# binderholz

**Binderholz Bausysteme GmbH**

A-5400 Hallein/Salzburg

fon +43 6245 70500 · fax +43 6245 70500-17001

bbs@binderholz.com · [www.binderholz.com](http://www.binderholz.com)



PEFC® PEFC/06-35-20



Download