Engineered mass timber solutions
Scandinavia
WOOD AS A BUILDING MATERIAL

With mass timber products and construction solutions from binderholz construction projects are created that meet all normative requirements for building physics, fire, sound and heat protection as well as moisture regulation. The mass timber buildings are of solid value, stable, and meet the highest standards of quality, cost-effectiveness and ecological sustainability.

To guarantee this, all binderholz construction solutions are developed, comprehensively tested and certified in a practice-oriented manner. A large number of successfully realized reference projects and the ever-increasing demand prove that mass timber construction is as popular as it is economically competitive. In addition, there are other good reasons for solid timber construction.

Mass timber stands for well-being and comfort. This is ensured by the versatile architectural design possibilities alone. In addition, it is a completely unpolluted, natural building material, so that a house construction made of mass timber has a positive effect on health. Together with the excellent properties of the wood mass as heat and moisture storage, the warm wood surfaces guarantee a balanced living environment and a high degree of comfort.

As a binderholz customer, you profit from our comprehensive consulting and solid service. The experienced experts in our strong technical department see to this. Our qualified engineers, construction technicians and draftspersons provide competent support for you in all matters relating to structural design and design services, building physics and fire protection. They are always a step ahead and not just at the level of the latest state of the art because of their many years of experience and intense research and development work.

Our services

- Consulting on all binderholz products and application possibilities with specialisation in the area of wood construction products such as the binderholz CLT BBS, glulam or solid wood panels
- Structural, building physics and fire technological construction solutions and component assessments based on many years of experience and intense research and development work
- Personalised project advice from highly qualified employees at the office and in the field with technical project consulting, if needed also on site
- Consulting on supplementing building, sealing and joining materials
- Product-specific support for drafting service specifications
- 3D design and work preparation in state-of-the-art CAD-CAM systems
- Optimised design process through building information modelling
- Design coordination for diverse mass timber buildings
**Oksenøya senter**  
Lysaker, Norway

**Project**  
school, care homes, kindergarten

**Project type**  
new building

**Establishment**  
2022

**Customer**  
Veidekke Entreprenør AS

**Assembly**  
2020

**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, Assembly of the complete wooden structure

**Scope of delivery**
1492 m³ BBS, 145 m³ Glulam
Complete set of connection material for the wooden structure
Scope of work
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, assembly of the complete wooden structure

Scope of delivery
2,581 m³ BBS, 360 m³ Glulam
Complete set of connection material for the wooden structure
Hent Bussdepot
Bodø, Norway

Project
bussdepot, Workshop and office

Project type
new building

Establishment
2021

Customer
Hent AS

Assembly
2020

Scope of work
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials

Scope of delivery
317 m³ BBS, 106 m³ Glulam
Complete set of connection material for the wooden structure
**Nesset Helsehus**
Eidsvåg i Romsdal, Norway

**Project**
Health center, care homes, day center for elderly people

**Project type**
new building

**Establishment**
2021

**Customer**
Betonmast Rosand AS

**Assembly**
2020-2021

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**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials

**Scope of delivery**
730 m³ BBS, 20 m³ Glulam
Complete set of connection material for the wooden structure
Stadshus
Växjö, Sweden
Project: Station and Town hall
Project type: new building
Establishment: 2020
Customer: Skanska Sverige AB
Assembly: 2019

Scope of work
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, Assembly of the complete wooden structure

Scope of delivery (approximate)
3000 m³ binderholz CLT BBS
1100 m³ Glulam
Complete set of connection material for the wooden structure
Care home
Alvesta, Sweden
**Project**
Care home

**Project type**
new building

**Establishment**
2016

**Customer**
GBJ Bygg AB

**Assembly**
2015

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**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, supervising

**Scope of delivery (approximate)**
400 m³ binderholz CLT BBS
10 m³ Glulam
Flesberg school
Lampeland, Norway
<table>
<thead>
<tr>
<th><strong>Project</strong></th>
<th>School building, Sport hall and swimming hall</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project type</strong></td>
<td>new building</td>
</tr>
<tr>
<td><strong>Establishment</strong></td>
<td>2019</td>
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<tr>
<td><strong>Customer</strong></td>
<td>Backe Stor-Oslo AS</td>
</tr>
<tr>
<td><strong>Assembly</strong></td>
<td>2018-2019</td>
</tr>
</tbody>
</table>

**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, Assembly of the complete wooden structure

**Scope of delivery (approximate)**
- 1500 m³ binderholz CLT BBS
- 400 m³ Glulam
- Complete set of connection material for the wooden structure
Okstad skole
Trondheim, Norway

**Project**
- school building

**Project type**
- new building, school building

**Establishment**
- 2019

**Customer**
- Hent AS

**Assembly**
- 2018-2019

**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials

**Scope of delivery (approximate)**
- 750 m³ binderholz CLT BBS
- 120 m³ Glulam
Nordlandet Kindergarten
Kristiansund, Norway

<table>
<thead>
<tr>
<th>Project</th>
<th>Kindergarten</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project type</td>
<td>new building, Kindergarten</td>
</tr>
<tr>
<td>Establishment</td>
<td>2018</td>
</tr>
<tr>
<td>Customer</td>
<td>Betonmast Rosand AS</td>
</tr>
<tr>
<td>Assembly</td>
<td>2018</td>
</tr>
</tbody>
</table>

**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials

**Scope of delivery (approximate)**
600 m³ binderholz CLT BBS
Glulam
Kildal Omsorgssenter
Roa, Norway
**Project**  Care home
**Project type**  new building
**Establishment**  2019
**Customer**  Betonmastaere AS
**Assembly**  2018-2019

**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, Assembly of the complete wooden structure

**Scope of delivery (approximate)**
- 900 m³ binderholz CLT BBS
- 70 m³ Glulam
- Complete set of connection material for the wooden structure
Johannson Kaffee
Vestby, Norway
<table>
<thead>
<tr>
<th>Project</th>
<th>production facility</th>
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</thead>
<tbody>
<tr>
<td>Project type</td>
<td>new building</td>
</tr>
<tr>
<td>Establishment</td>
<td>2019</td>
</tr>
<tr>
<td>Customer</td>
<td>AF Gruppen Norge AS</td>
</tr>
<tr>
<td>Assembly</td>
<td>2018-2019</td>
</tr>
</tbody>
</table>

**Scope of work**

Structural calculation support, production modelling, site assembly plans, calculation and delivery of fixing materials, supervising

**Scope of delivery (approximate)**

- 1.500 m³ binderholz CLT BBS
- 1.200 m³ Glulam
- Connection material
Skogveien
Oslo, Norway
Project: Student homes
Project type: new building
Establishment: 2021
Customer: Veidekke Entreprenør AS
Assembly: 2019-2020

Scope of work:
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, Assembly of the complete wooden structure

Scope of delivery (approximate):
5500 m³ binderholz CLT BBS
700 m³ Glulam
Complete set of connection material for the wooden structure
Strandsnäckan residential buildings
Växjö, Sweden
Project: Residential buildings
Project type: new building
Establishment: 2017
Customer: GBJ Bygg AB
Assembly: 2016-2017

Scope of work:
Structural calculation support, production modelling, site assembly plans, calculation and delivery of fixing materials

Scope of delivery (approximate):
1900 m³ binderholz CLT BBS
90 m³ Glulam
Hoppern skole and sportshall
Mos, Norway
**Project**
school building and sportshall

**Project type**
new building, school and sportshall

**Establishment**
2018

**Customer**
AF Gruppen Norge AS

**Assembly**
2017-2018

**Scope of work**
Production model, calculation and delivery of fixing materials

**Scope of delivery (approximate)**
2000 m³ binderholz CLT BBS
Glulam
### Sjetne skole
Sjatnmarka, Norway

<table>
<thead>
<tr>
<th>Project</th>
<th>school building</th>
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<tbody>
<tr>
<td>Project type</td>
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</tr>
<tr>
<td>Establishment</td>
<td>2018</td>
</tr>
<tr>
<td>Customer</td>
<td>Hent AS</td>
</tr>
<tr>
<td>Assembly</td>
<td>2017-2018</td>
</tr>
</tbody>
</table>

**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, supervising

**Scope of delivery (approximate)**
- 1100 m³ binderholz CLT BBS
- 150 m³ Glulam
**Karihola Kindergarten**  
**Oslo, Norway**

<table>
<thead>
<tr>
<th>Project</th>
<th>Kindergarten</th>
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</thead>
<tbody>
<tr>
<td>Project type</td>
<td>new building, Kindergarten</td>
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<tr>
<td>Establishment</td>
<td>2018</td>
</tr>
<tr>
<td>Customer</td>
<td>Betonmast Rosand AS</td>
</tr>
<tr>
<td>Assembly</td>
<td>2017-2018</td>
</tr>
</tbody>
</table>

**Scope of work**  
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, Supervising

**Scope of delivery (approximate)**  
900 m$^3$ binderholz CLT BBS  
60 m$^3$ Glulam
Vallen residential buildings
Växjö, Sweden
<table>
<thead>
<tr>
<th>Project</th>
<th>Residential buildings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project type</td>
<td>new building</td>
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<tr>
<td>Establishment</td>
<td>2017-2018</td>
</tr>
<tr>
<td>Customer</td>
<td>GBJ Bygg AB</td>
</tr>
<tr>
<td>Assembly</td>
<td>2016-2018</td>
</tr>
</tbody>
</table>

**Scope of work**
Production modelling

**Scope of delivery (approximate)**
- 4,200 m³ binderholz CLT BBS
- 600 m³ Glulam
Knapstad Flerbrukshall
Knapstad, Norway
| **Project** | Leisure building |
| **Project type** | new building, multi-functional hall |
| **Establishment** | under construction |
| **Customer** | AF Gruppen Norge AS |
| **Assembly** | 2019-2020 |

**Scope of work**
Structural calculation support, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, delivery of a part of fixing materials, Supervising

**Scope of delivery (approximate)**
650 m³ binderholz CLT BBS
360 m³ Glulam
connection material for the wooden structure
Foerskolan Skole
Växjö, Sweden
<table>
<thead>
<tr>
<th>Project</th>
<th>school</th>
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</thead>
<tbody>
<tr>
<td>Project type</td>
<td>new building</td>
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<tr>
<td>Establishment</td>
<td>2019</td>
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<tr>
<td>Customer</td>
<td>GBJ Bygg AB</td>
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<tr>
<td>Assembly</td>
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</tr>
</tbody>
</table>

**Scope of work**
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials

**Scope of delivery (approximate)**
350 m³ binderholz CLT BBS
Project: school building
Project type: new building, school building
Establishment: 2018
Customer: AF Gruppen Norge AS
Assembly: 2017-2018

Scope of work:
Structural calculation, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials, Supervising

Scope of delivery (approximate):
1600 m³ binderholz CLT BBS
130 m³ Glulam
Complete set of connection material for the wooden structure
Lokenasveien
Lorenskog, Norway
**Project**  
Kindergarten and care home

**Project type**  
new building, Kindergarten and care home

**Establishment**  
2019

**Customer**  
Hent AS

**Assembly**  
2018-2019

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**Scope of work**  
Structural calculation support, coordination and implementation of models from other technical trades as mechanical, electrician, ventilation etc., production modelling, site assembly plans, calculation and delivery of fixing materials

**Scope of delivery (approximate)**  
1800 m³ binderholz CLT BBS  
Glulam
Project: School building
Project type: new building, School
Establishment: 2017
Customer: AF Gruppen Norge AS
Assembly: 2016-2017

Scope of work:
Structural calculation support, production modelling, site assembly plans, calculation and delivery of fixing materials, Supervising

Scope of delivery (approximate):
750 m³ binderholz CLT BBS
10 m³ Glulam
Complete set of connection material for the wooden structure