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
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IDD Kongveien skole
Halden, Norway
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
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

**Project**
school building

**Project type**
new building, school building

**Establishment**
2018

**Customer**
Hent 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)**
1100 m³ binderholz CLT BBS
150 m³ Glulam
Okstad skole  
Trondheim, Norway

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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 (approximate)**
750m³ binderholz CLT BBS
120 m³ Glulam
Lokenasveien
Lorenskog, Norway
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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
**Karihola Kindergarten**
*Oslo, Norway*

**Project**
Kindergarten

**Project type**
new building, Kindergarten

**Establishment**
2018

**Customer**
Betonmast Rosand AS

**Assembly**
2017-2018

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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)**
900 m³ binderholz CLT BBS
60 m³ Glulam
Nordlandet Kindergarten
Kristiansund, Norway

Project: Kindergarten
Project type: new building, Kindergarten
Establishment: 2018
Customer: Betonmast Rosand AS
Assembly: 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

Scope of delivery (approximate)
600 m³ binderholz CLT BBS
Glulam
Karlshus skole
Råde, Norway
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**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
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)**
650m³ binderholz CLT BBS
360m³ Glulam
connection material for the wooden structure
Flesberg school
Lampeland, Norway
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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, 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
Kildal Omsorgssenter
Roa, Norway
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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, 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
Project: production facility
Project type: new building
Establishment: 2019
Customer: AF Gruppen Norge AS
Assembly: 2018-2019

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
**Project**
Student homes

**Project type**
new building

**Establishment**
2021

**Customer**
Veidekke Entreprenør AS

**Assembly**
2019-2020

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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, 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
Care home
Alvesta, Sweden
Project: Care home
Project type: new building
Establishment: 2016
Customer: GBJ Bygg AB
Assembly: 2015

**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
Project: school
Project type: new building
Establishment: 2019
Customer: GBJ Bygg AB
Assembly: 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

Scope of delivery (approximate):
350 m³ binderholz CLT BBS
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
Vallen residential buildings
Växjö, Sweden
Project: Residential buildings
Project type: new building
Establishment: 2017-2018
Customer: GBJ Bygg AB
Assembly: 2016-2018

Scope of work: Production modelling

Scope of delivery (approximate):
- 4,200 m³ binderholz CLT BBS
- 600 m³ Glulam
Stadshus
Växjö, Sweden
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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, 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