Haas
HOLZINDUSTRIE

Quality products
for the
trading and manufacturing sector

www.haas-holzindustrie.com

WOOD CONSTRUCTION SYSTEMS FOR WALLS, CEILINGS AND ROOFS

Haas

Haas HOLZINDUSTRIE

www.haas-holzindustrie.com

Wood Frame Elements

Wood frame construction elements for modern timber house constructions

The wood frame construction system is flexible and adjusts to regional requirements. It covers e.g. a wide segment, from affordable plastered facades with expanded plastic slabs, to permeable wall constructions with first class fibreboards as plaster base. Of course every variation of wood- and brick facade is possible as well.
The wall constructions are variable: From standard walls to passive houses everything is possible.
There are numerous system alternatives for ceilings and roofs: Insulated layers of beams and rafters as well as visible constructions of parallel laminated timber can be chosen.
Wooden staircases, front doors, windows made of wood, PVC or wood and aluminium, as well as a wide range of roller shutters complement the constructive products. Packages for roofs, exterior walls and interior work complete the service packages. The kits bear the RAL and DIN certification marks. Besides the kits, we will take care of the complete statics, including proof of heat insulation, as well as the fabrication- and execution planning.

Just-in-time delivery
of the construction kit

Ready to paint wall elements

Insulated ceiling construction
ready for assembly

Insulated roof construction
ready for assembly

Exposed timber beam ceiling
glulam beams

Exposed roof construction
DUO-beams

HMS - cross laminated timber

Haas HOLZINDUSTRIE

www.haas-holzindustrie.com

HMS – cross laminated timber, or short HMS-bsp-wood is a (by the building authorities approved) solid wood construction system made of crosswise glued solid spruce boards.
State-of-the-art CNC woodwork technology allows the production of complete construction sets including all wall-, ceiling-, and roof elements.

The use of cross laminated timber allows a construction without an additional steam brake and offers a very high heat storage capability. These characteristics effectuate an optimum phase shift and an ideal summer heat protection. Combined with appropriate external superstructures, fire- and noise protection requirements are fulfilled.

All approved heat insulation systems can be used for the walls as well as ceilings. Rear ventilated brick facades are another option besides plastered and wooden facades. For ceiling constructions, cross laminated timber offers a real alternative to common systems. Any common floor construction can be installed on top of it.

The special manufacturing technique of HMS cross laminated timber allows an individual treatment of every single layer. Milled recesses for electronic wiring make complex installations unnecessary!

Special lifting systems allow a secure and unproblematic assembly on site. The high grade of preproduction of the individual elements allows a fast and almost weather independent assembly.

HMS - cross laminated timber

HMS bsp-holz

Certified and recommended by the Institute for Building Biology Rosenheim GmbH!

Haas
HOLZINDUSTRIE

www.haas-holzindustrie.com

Glulam Elements & Glulam Planks

Glulam elements

Glulam Planks

Glulam elements, produced from massive glulam wood, combine an extraordinary bearing capacity with little weight. These systems are becoming more and more popular in modern residential construction for roof- wall- and ceiling constructions.
Besides the great ecological benefits of massive wood, glulam elements and planks offer a very attractive look.

To produce them, solid wood planks are glued together vertically (elements) or horizontally (planks).
The high grade of preproduction of the systems allows a fast and almost non weather-dependent assembly.

Due to their attractive look, glulam wood elements and glulam wood planks are mostly used as exposed constructions which remain visible. This way one single system is a carrier as well as complete construction element. The high wood content within the construction promotes a comfortable room climate with an optimum heat storage. All common superstructures for walls, ceilings and roof can be built with solid wood systems.

CE
1359 - CPD -0005

MPA glues proven according to to DIN EN 301/302

ift Qualitätsmanagementsystem DIN EN ISO 9001
Reg-Nr.: 02-001

HAAS Holzprodukte GmbH
Industriestraße 8
D-84326 Falkenberg

Telephone +49 87 27/18-5 85
Fax +49 87 27/18-5 54

uk@haas-holzindustrie.com
www.haas-holzindustrie.com

Glulam elements are mounted simply and securely through anchor nuts (RAMPA muffles) and ropes.

The small width combined with a practically unlimited length makes glulam elements and planks perfectly suitable for the renovation of old buildings.

Stand 07/10