



Index

IIIUEX	Page
Vision	4
Mission	6
Company	8
Cross Laminated Timber	11
Glued Laminated Timber	17
HASSLACHER Glulam Ceiling	25
Product range	31



Vision

We are a family-owned company with regional roots and global ambitions. We specialize in optimized and integrated solutions using wood as a renewable resource. Our customers value the highest level of quality that we provide. We continually support our customers with a philosophy of innovation and expertise to meet their requirements in modern timber construction. We are backed by sustainable solutions and materials with our state-of-the-art production and digital technologies.



We produce sustainably and efficiently, creating value and striving for continuous success at every turn. Together with our employees, we are making a conscious contribution to our future. We are motivated by our love of nature, especially the forests where our product is grown.



Mission

We are a global leader in innovative and efficient solutions for modern timber construction. Our group of companies is diversified and vertically integrated, with a substantial portfolio of projects using renewable materials. We are market leaders in modern timber construction with a reputation for quality and reliability. We have a proud heritage and a sustainable philosophy, duly reflected in our employee satisfaction. Our efficient and high-quality production techniques make us a reliable partner with the best customer service and logistical support in the industry.



Our skilled employees are the core of our success, going above and beyond to uphold our reputation. Our team is customer-focused and shows constant determination and dedication. As a family-oriented enterprise, we are united by our love of nature, making a positive contribution to society and a commitment to long-term, successful growth. We are driven by our passion, curiosity and desire for innovation.

Always true to our motto: "From wood to wonders."

Company

Austria

Sachsenburg

Stall im Mölltal

Hermagor

Preding

Rennweg am Katschberg

Nikolsdorf

Rangersdorf

Slovenia

Bohinjska Bistrica

Germany

Kleinheubach

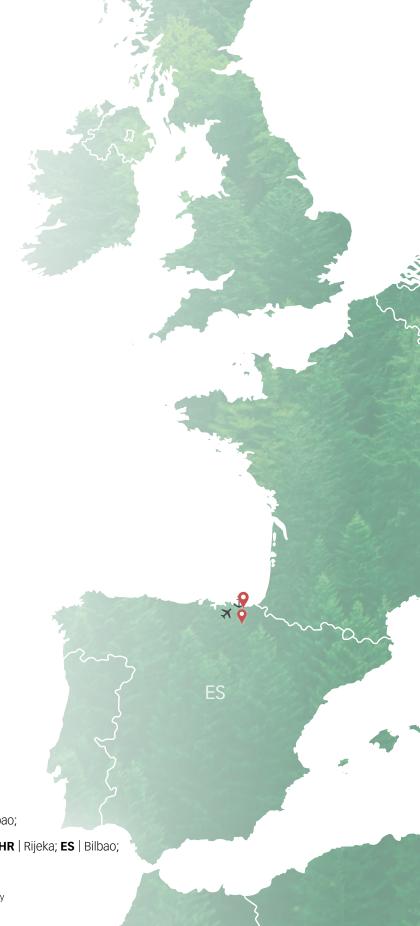
Magdeburg

Schmallenberg

Spain

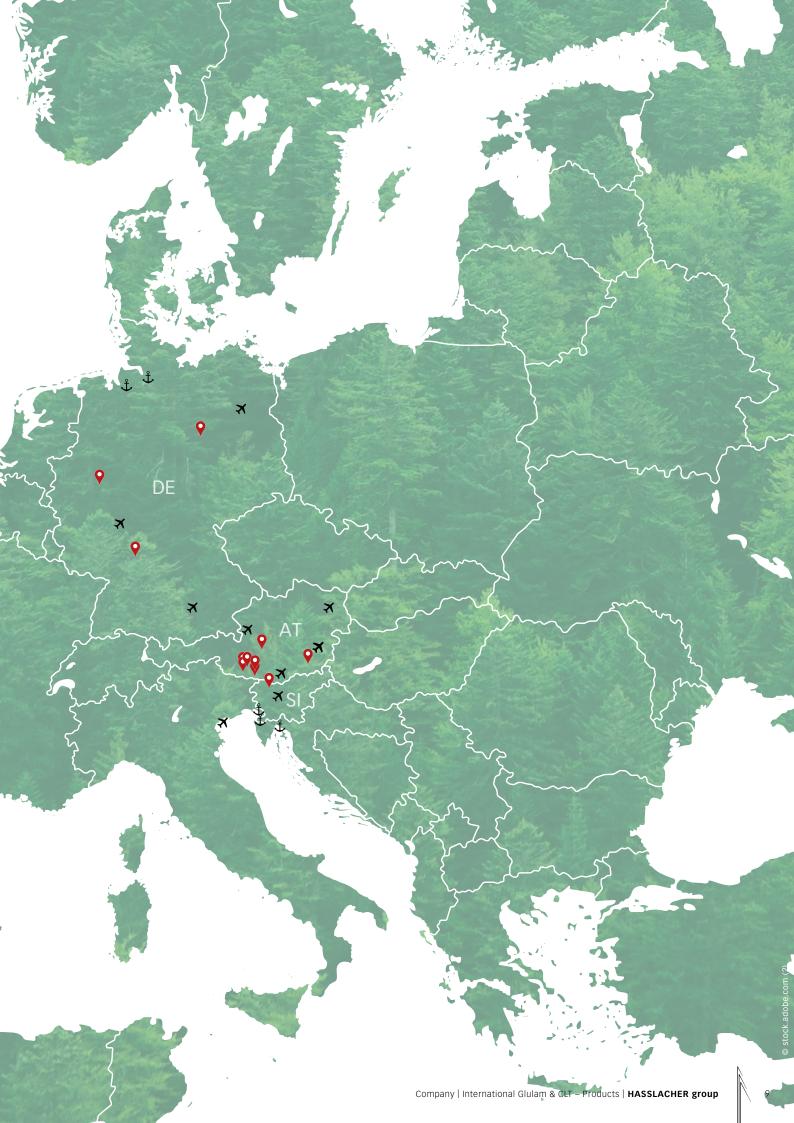
Ea

Legutio

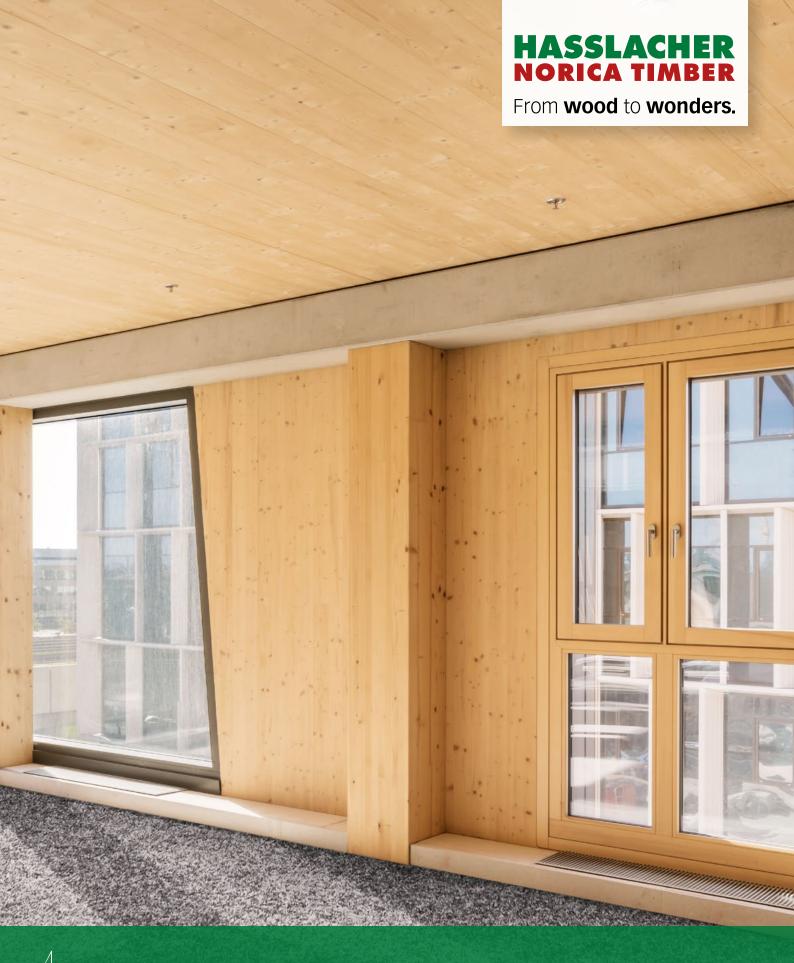


AT | Klagenfurt, Graz, Salzburg, Vienna; **IT** | Venice; **DE** | Munich, Frankfurt, Berlin; **SI** | Ljubljana; **ES** | Bilbao;

DE | Hamburg, Bremerhaven; **IT** | Trieste; **SI** | Koper; **HR** | Rijeka; **ES** | Bilbao;







Cross Laminated Timber

The building material of the future.

Cross Laminated Timber Overview

Product standard

ETA-12/0281

Surface qualities

Excellentsurface Visual quality Industrial visual quality Industrial quality

On request, cover lamellas can also be edge bonded.

Cross sections

Large size Standard size

Thickness: 80 mm to 400 mm 90 mm to 280 mm

60 mm on request 60 mm and 80 mm upon request

Width: up to 3.20 m 1.25 m Length: up to 20 m up to 24 m

Strength classes

CL26E11.8 CL36E14.7

Wood species

- Spruce/fir
- Pine
- Larch
- Swiss stone pine, fir, hardwoods (on request)

Certificates

The current certificates are available in the download area of our website at HASSLACHER.COM.

Sustainability

The HASSLACHER Group stands for a careful use of wood as a resource. Our raw materials come from sustainable and controlled forestry. Our locations are certified according to the strict PEFC standards.





Product range

Panel lay-ups

Туре	Thickness (mm)	Layers			Pá	anel lay-up mm	ps			Width (m)	Length (m)	Mass (kg/m²)
BSP 60	60	3			20	20	20			2.20 – 3.20 m	up to 20 m	27
BSP 80	80	3			20	40	20					36
BSP 90	90	3			30	30	30			none	The type and	41
BSP 100	100	3			30	40	30			Standard widths	orientation of the	45
BSP 120	120	3			40	40	40			no modular	layers define the recommended	54
BSP 100	100	5	2	0	20	20	20	2	0	dimensions	maximum length	45
BSP 120	120	5	3	0	20	20	20	3	0	ae.i.e.e.i.e	of the panels for	54
BSP 140	140	5	4	0	20	20	20	4	0		reasons of	63
BSP 160	160	5	4	0	20	40	20	4	0			72
BSP 180	180	5	4	0	30	40	30	4	0		transport and	81
BSP 200	200	5	4	0	40	40	40	4	0		installation.	90
BSP 200	200	7s / 7ss	30	30	30	20	30	30	30			90
BSP 210	210	7s / 7ss	30	30	30	30	30	30	30			95
BSP 220	220	7s / 7ss	40	40	20	20	20	40	40			99
BSP 240	240	7s / 7ss	40	40	20	40	20	40	40			108
BSP 260	260	7s / 7ss	40	40	30	40	30	40	40			117
BSP 280	280	7s / 7ss	40	40	40	40	40	40	40			126
BSP 300	300	8s / 8ss	40	40	30	40 + 40	30	40	40			135
BSP 320	320	8s / 8ss	40	40	40	40 + 40	40	40	40			144

Due to the density's natural variability, the quantified masses my vary up to ± 15 %. ss: Outer layers consist of 2 longitudinal layers (l) BSP 60 mm and other panel thicknesses or special lay-ups on request.

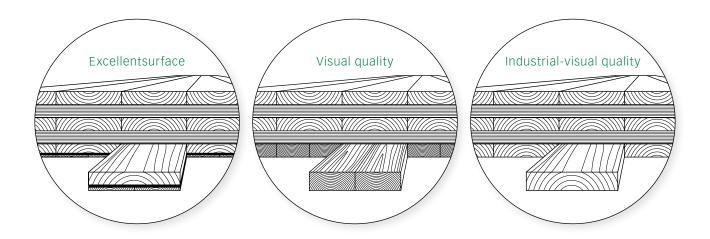
Standard size panel lay-ups

Туре	Thickness (mm)	Layers		Pa	anel lay-u mm	ıps			Width (m)	Length (m)	Mass (kg/m²)
BSP 60	60	3s		20	20	20			Standard width	up to 24 m	27
BSP 80	80	3s		30	20	30			1.25 m		36
BSP 90	90	3s		30	30	30				The type and	41
BSP 100	100	3s		30	40	30			Widths below	orientation of the	45
BSP 100	100	3s		40	20	40			1.25 m can be cut	layers define the recommended	45
BSP 120	120	5s		40	40	40				maximum length	54
BSP 100	100	5s	20	20	20	20	2	20		of the panels for	45
BSP 120	120	5s	20	30	20	30	2	20		reasons of	54
BSP 140	140	5s	40	20	20	20	4	-0			63
BSP 160	160	5s	40	20	40	20	4	-0		transport and	72
BSP 180	180	5s	40	30	40	30	4	-0		installation.	81
BSP 200	200	5s	40	40	40	40	4	-0			90
BSP 220	220	7ss	30 3	35	30	35	30	30			99
BSP 240	240	7ss	40 4	0 20	40	20	40	40			108
BSP 260	260	7ss	40 4	0 30	40	30	40	40			117
BSP 280	280	7s / 7ss	40 4	40	40	40	40	40			126

Due to the density's natural variability, the quantified masses my vary up to $\pm 15~\%.$ ss: Outer layers consist of 2 longitudinal layers (l) BSP 60 mm and 80 mm and other panel thicknesses or special lay-ups on request.

Cross Laminated Timber Quality description

Characteristics	Excellentsurface	Visual quality		
Description	Consists of finger-jointed lamellas, whereby the cover lamellas have a special lay-up including a cross layer. Wood grain and texture result in a very homogeneous appearance. Appearance of gaps is remarkably lessened. Repairs through wood patches are permissible.	Consists of finger-jointed lamellas of a single wood species, which have a homogeneous appearance in texture and grain. Field of use: Exposed floors in the luxury market. Growth-related features occur in reduced form. Non-conforming growth-related features may be repaired through wood patches.		
Wood species for the cover layer	r On request, various soft- and hardwood species are available.	On request, spruce, larch, pine, fir and hardwood.		
Surface	Sanded	Sanded		
Gap width on delivery	Up to maximum of 1 mm	Up to maximum of 1 mm		
Knots	Sound knots, isolated black knots are permissible, edge knots and falling knots of up to 10 mm are permissible	Sound knots, isolated black branches are permissible, edge knots and falling knots of up to 15 mm are permissible		
Pitch pockets	are permissible up to 3 mm \times 50 mm (or the equivalent in mm ²).	are permissible up to 5 mm \times 70 mm (or the equivalent in mm ²).		
Patches	Permissible	Permissible		
Blue stains and red stripes	Slight discolourations of less than 5 % are permissible, which are predominantly balanced out.	Slight discolourations covering 5 % of the surface area are permissible		
Insect infestation	Not permissible	Not permissible		
Ingrown bark	Not permissible	Not permissible		
Piths	Widely free form ingrown bark	Permissible		
Cracks	A crack width up to 1 mm are permissible	Up to 1 mm are permissible		
Compression wood	which are predominantly balanced out	Up to 40 % of the surface area		
Soft rot	Not permissible	Not permissible		
Mistletoe	Not permissible	Not permissible		
Wood moisture content	Maximum 10 % ± 2 %	Maximum 10 % ± 2 %		
Board thicknesses	Specific lay-up of the cover lamella	19 mm to 45 mm		
Board widths	80 mm to 200 mm; only boards with identical widths are used in the cover layer.	80 mm to 200 mm; only boards with identical widths are used in the cover layer.		
Type of cutting	The cut is heartwood-free	Centre boards		
Scope of application	The specified surface qualities are only valid for the oul laminated timber's narrow faces. The indicated surface formation may occur in use, in particular at extreme control of the control of the specified surface.	e qualities are valid upon delivery. Crack and gap		
Sanded surface		e surfaces are sanded or calibrated up to a panel width of 3.20 m, or a panel thickness of 300 mm. Rependence of the panel format or on the cover layer's orientation the element may be sanded pendicular to grain direction.		
Edge bonding	Edge-wise bonding of the boards of the longitudinal co	over laver on request		



Characteristics	Industrial-visual quality	Industrial quality			
Description	Surfaces consist of a single wood species; colour differences, wood grain and texture are categorically less relevant. Used as to cover industrial hall constructions. Non-conforming growth-related features may be repaired by means of wood patches. Industrial quality possible on request.	No visual requirements at all; the surface is assumed to be covered with additional materials. Various wood species are possible for cover layer.			
Wood species for the cover laye	r Spruce/fir, pine	Spruce/fir, pine			
Surface	Sanded	Calibrated			
Gap width on delivery	Up to maximum of 2 mm	Up to maximum of 3 mm			
Knots	Sound knots, black knots of up to 20 mm are permissible, broken edge knots and falling knots up to 25 mm permissible.	Restrictions are in accordance to the corresponding strength grading			
Pitch pockets	Are permissible up to 6 mm \times 80 mm (or the equivalent in mm ²).	No restrictions			
Patches	Permissible	Permissible			
Blue stains and red stripes	Discolouration covering up to 10 % of the surface area is permissible	No restrictions			
Insect infestation	Not permissible	Worm grooves of up to 2 mm of diameter are permissible			
Ingrown bark	Permissible if isolated	Permissible			
Piths	Permissible	Permissible			
Cracks	Up to 3 mm are permissible	Restrictions are in accordance to the corresponding strength grading			
Compression wood	Restrictions are in accordance with the corresponding strength grading	Restrictions are in accordance with the corresponding strength grading			
Soft rot	Not permissible	Not permissible			
Mistletoe	Not permissible	Not permissible			
Wood moisture content	Maximum 12 % ± 2 %	Maximum 12 % ± 2 %			
Board thicknesses	19 mm to 45 mm	19 mm to 45 mm			
Board widths	80 mm to 240 mm; boards with varying widths in one layer are possible.	80 mm to 280 mm; boards with varying widths in one layer are possible.			
Type of cutting	No restrictions	No restrictions			
Scope of application	The specified surface qualities are only valid for the out laminated timber's narrow faces. The indicated surface formation may occur in use, in particular at extreme cli	qualities are valid upon delivery. Crack and gap			
Sanded surface	The surfaces are sanded or calibrated up to a panel width of 3.20 m, or a panel thickness of 300 mm. In dependence of the panel format or on the cover layer's orientation the element may be sanded perpendicular to grain direction.				
Edge bonding	Edge-wise bonding of the boards of the longitudinal cover layer on request.				





Glued Laminated Timber according to ANSI A190.1

Overview

Product standard/certification

ANSI A190.1, Standard for Wood Products – Structural Glued Laminated Timber EN 14080 Timber structures – Glued laminated timber and glued solid timber

Cross sections

Depth: 3½ - 50½ in. (80 - 1280 mm) Width: 3½ - 11½ in. (80 - 280 mm) Length: up to 88¾ ft. (up to 27 m)

Strength classes

Reference Design Values for Hasslacher GLT (a)

	(Load	Bending Abo ed Perpendicular to V	Axially	Loaded	Fasteners		
Glulam Grade	Extreme Fiber in Bending (b) (psi)	Compression Perpendi- cular to Grain (psi)	Horizontal Shear (psi)	Modulus of Elasticity (10 ⁶ psi)	Tension Parallel to Grain (psi)	Compression Parallel to Grain (psi)	Specific Gravity for Fastener Design
	F _{bx}	F _{c_x}	F _{vx} ^(c)	E _{x app}	F _t	F _c	G
GL 24h	1.650	430	240	1.7	1.350	1.850	0.42
GL 28h	1.950	430	240	1.8	1.550	2.150	0.46
GL 28c	1.950	430	240	1.8	1.350	1.850	0.42
GL 32h	2.200	430	240	2.1	1.750	2.450	0.49
GL 32c	2.200	430	240	2.0	1.350	1.850	0.44

⁽a) For members stressed primarily in bending. Tabulated design values are for normal load duration and dry service conditions.

Wood species

Norway Spruce

Certification

The current certificates are available in the download area of our website at HASSLACHER.COM.

Sustainability

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⁽b) HASSLACHER GLT is produced only with balanced layups, therefore F_{hx} is the same for positive and negative bending.

⁽c) The design values for shear (F_{vx} and F_{vy}) shall be decreased by multiplying by a factor of 0.72 for non-prismatic members (e.g., members with varied cross section along their length), notched members, and for all members subject to impact or cyclic loading. The reduced design value shall be used for design for members at connections that transfer shear by mechanical fastener. The reduced design value shall also be used for determination of design values for radial tension and torsion.

Technical data

Bonding

Melamine resin adhesive with bright glue line, adhesive type I according to EN 301 approved for bonding loadbearing and non-loadbearing timber components, both indoor and outdoor.

Lamella thickness

Maximum lamella thickness: 13/4 in. | 45 mm

Moisture content

12 % ± 2.5 %

Density

For Norway Spruce approximately 26 lbf/ft³ | 420 kg/m³ to 31 lbf/ft³ | 500 kg/m³ in average.

Shrinkage and swelling behaviour

Perpendicular to the grain direction $\alpha_{u,90} = 0.24$ % per 1 % change in moisture content

Parallel to the grain direction $\alpha_{110} = 0.01$ % per 1 % change in moisture content

Dimensional tolerances

Maximum deviations from nominal sizes for glued laminated timber in accordance to EN 14080

Possibilities for further processing

CNC processing Surface finish, such as paint and varnish Installation of steel parts

Dimensional tolerances

		Maximum deviations	
Width of cross section	for all widths	±1/ ₁₃ in. ±2 mm	
Height h of cross section	$h \le 15^{3}/_{4}$ in. 400 mm	+1/ ₆ in. +4 mm to -1/ ₁₃ in. -2 mm	
	$h > 15^{3}/_{4}$ in. 400 mm	+1 % to -0.5 %	
Maximum deviation of the angles of the cross section from the right angle	1:50		
Length I of a straight member	<i>l</i> ≤ 79 in. 2 m	$\pm 1/_{13}$ in. $ \pm 2$ mm	
	6½ ft. 2 m ≤ <i>l</i> ≤ 65 ft. 20 m	±0.1 %	
Longitudinal warping measured as the maximum gauge over a length of 6½ ft. 2.0 m disregarding precamber		1/6 in. 4 mm	



Glued Laminated Timber according to EN 14080 Overview

Product standard/certification

EN 14080

Surface qualities

Visual quality Industrial quality

Cross sections

Heights: 80 to 1,280 mm in 40 mm steps

Special components up to 4,000 mm are possible

Widths: 80 mm to 280 mm in 20 mm steps

Any desired extension is possible through block bonding

Lengths: up to 27 m; or up to 42 m as special components

Strength classes

GL24h GL24c up to a beam width of 280 mm
GL28h GL28c up to a beam width of 280 mm
GL30h GL30c up to a beam width of 240 mm
GL32h GL32c up to a beam width of 200 mm
Other strength classes available on request

Wood species

- Spruce/fir
- Larch
- Pine
- Other wood species on request

Certification

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Sustainability

The HASSLACHER Group stands for a careful use of wood as a resource. Our raw materials come from sustainable and controlled forestry. Our locations are certified according to the strict PEFC standards.





Quality description

Characteristics	Visual Quality	Industry Quality		
General	Optimised for a visible use, e.g. as visible rafters and beams for carports and upscale residential areas. All knots are sound knots and knotholes are patched. The occurrence of blue stains, red stripes and/or pitch pockets is minimised. The cracks are minimised and hardly any heart centre is present due to core-free cutting. A homogeneous appearance is aspired.	Optimised for a non-visual use. Discolouration such as blue stain, nail-proof brown and/or red stripes are permitted. Fallen-out knots and pitch pockets may casually occur. For loadbearing and non-loadbearing use in engineered timber structures with lower aesthetic requirements.		
Black knots	Permitted, provided that they do not fall out	Permitted		
Falling knots	Permitted up to approximately 20 mm, sound knots are permitted	Permitted		
Wane	Not permitted	Not permitted		
Rotten areas	Not permitted	Not permitted		
Pith	Permitted	Permitted		
Pitch pockets	Permitted up to approximately 5 x 50 mm, larger pockets must be patched	Permitted		
Insect infestations	Not permitted	Permitted up to a diameter of 2 mm		
Red stripes	Up to approximately 5 % of the surface	Permitted		
Blue stain	Up to approximately 5 % of the surface	Permitted		
Planing quality	Rough areas are not permitted. Planer marks up to a length of 10 mm and a depth of 1 mm are permitted	Rough areas and planer marks are permitted		
Cracks	Permitted up to a depth of 1/6 of the component width (per side); as long as the required static loadbearing capacity is not impared	Permitted up to a depth of 1/6 of the component width (per side); as long as the required static loadbearing capacity is not impared		
Scope of validity	The specified surface qualities are valid	d at time of delivery.		

Glued Laminated Timber Special components

Product portfolio



Single tapered beams

Beam length: up to 40 m Width: 80 to 280 mm Block bonding: >280 mm

possible on request

Heights: up to 4,000 mm



Curved beams or pre-cambered parallel beams

Beam length: up to 40 m Width: 80 to 280 mm Block bonding: >280 mm

possible on request

Heights: up to 4,000 mm



Double-tapered or pitched cambered beams

Beam length: up to 40 m Width: 80 to 280 mm Block bonding: >280 mm

possible on request

Heights: up to 4,000 mm

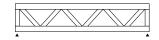


Fish beams

Beam length: up to 40 m Width: 80 to 280 mm Block bonding: >280 mm

possible on request

Heights: up to 4,000 mm



Trussed girders

Span lengths: >40 m Width: 80 to 280 mm Block bonding: >280 mm

possible on request

Heights: >4,000 mm are possible



Free forms

Lengths: up to 40 m Widths: up to 280 mm Block bonding: >280 mm

possible on request

Heights: up to 4,000 mm

Further processing

Advantages

- High precision with optimal material utilisation
- Versatile machining options due to modern technology
- Ongoing development through regular and continuous quality control
- Professional support during the planning phase
- Consultation and services provided by qualified master carpenters
- Rapid and cost-efficient assembly on the construction site thanks to a high level of prefabrication

Further processing – Special components

Portal Machini	ng Centre	CMS Hermagor	MAKA BC 570 Kleinheubach	
Component dimensions and axes.	X-axis (longitudinal direction) Y-axis (transverse direction) Z-axis (vertical stroke) C-axis (rotation) B-axis (panning)	42 m 5.80 m 1.25 m 360° ± 110°	35 m or 41 m up to 4.80 m uo to 1.60 m 360° ± 105°	
Precision		±2 mm to 40 m length	±2 mm to 40 m length	
Spindle speed		Continuously variable from 0 to 10,000 rpm	Continuously variable from 0 to 12,000 rpm	
CNC controller		NUM 1,060W	BWO 920	
Online program tr	ansfer	CAD/CNC-Working Space	NC Codes from the CNC- Production Control	
Workpiece measurement		Renishaw - Services	no services available	
Workpiece positioning		Supported by laser	Supported by laser	
Automatic chang	ing of tools	Circular magazine with 16 tools Rotary magazine with 2 saw blades max. 750mm	20 tools saw blade max. 800mm	
Workpiece fixatio	tion Using vacuum working blocks and single vacuum units		Using flexible vacuum units and hydraulic clamp cylinders	
Import formats		*.btl Direct control of the portal system	NC Codes generated by post - processors. AlphaCam: CAD-Import: Acis, dwg, dxf, IGES, Inventor, Rhino, Step LignoCam: *.btl-Files	

IT Interfaces | Import Formats

Further processing – Machining capabilities

5-axis CNC machining	Hundegger K3 5-axis 900, Hundegger K2i 5-axis 900 and Hundegger Robot 1,280		
6-axis CNC machining	Hundegger K2-Industry 1,280 and Hundegger Robot 1,250		
Component dimensions	Length: up to 27 m Height: up to 1,280 mm Width: up to 280 mm		

IT Interfaces | Import Formats

(1) *.bvn, *.bvx | Direct control of the systems
 (2) From SEMA 3D, Dietrich's 3D-CAD/CAM and cadwork *.bvn, *.bvx files are created.
 (3) 2D/3D *.dxf, *.dwg, *.sat (ACIS) files can be converted into machine files at an extra charge.





HASSLACHER Glulam Ceiling Overview

Product standard/certification

EN 14080

Surface qualities

Visual quality Industrial quality

Cross sections

Heights: 60 to 280 mm in 20 mm steps

Widths: 400 mm to 1,280 mm (steps depend

on the width of the used raw lamellas)

Lengths: up to 27 m

Post-processing

possible up to 1,280 mm

Strength classes

GL24h, GL28h in accordance to EN 14080 (higher strength classes are available on request)

Wood species

- Spruce/fir
- Other wood species on request

Certification

The current certificates are available in the download area of our website at HASSLACHER.COM.

Sustainability

The HASSLACHER group stands for a careful use of wood as a resource. Our raw materials come from sustainable and controlled forestry. Our locations are certified according to the strict PEFC standards.



Quality description

Characteristics	Visual Quality	Industrial Quality	
General	Optimised for a visible use, e.g. as visible rafters and beams for carports and upscale residential areas. All knots are sound knots and knotholes are patched. The occurrence of discolouration such as blue stains, red stripes and/or pitch pockets is minimised. The cracks are minimised and hardly any heart centre is present due to core-free cutting. A homogeneous appearance is aspired.	Optimised for non-visual use, e.g. for industrial and production buildings, farming buildings and roof structures, which are subsequently covered by planks. Discolouration such as brownness (nail-holding), blue stain, and/or red stripes are permitted. Fallen-out knots and pitch pockets may casually occur.	
Black knots	Permitted, as long as they don't fall out	Permitted	
Fallen-out knots	Permitted up to approximately 20 mm, sound knots are permitted	Permitted, the size depends on the strength classes	
Wane	Not permitted	Permitted	
Rotten areas	Not permitted	Not permitted	
Pitch pockets	Permitted up to approximately 5 x 50 mm, larger pockets must be patched	Permitted	
Insect infestation	Not permitted	Permitted up to a diameter of 2 mm	
Discolouration	Up to approximately 5 % of the surface	Permitted	
Planing quality	Rough areas are not permitted. Planer marks up to a length of 10 mm and a depth of 1 mm are permitted	Rough areas and planer marks are permitted	
Cracks	Permitted up to a depth of 1/6th of the component width (per side). The required static load carrying capacity must not be impaired.	Permitted up to a depth of 1/6th of the component width (per side). The required static load carrying capacity must not be impaired.	
Scope of validity	The specified surface qualities are val	id at time of delivery.	
Information	In case of a low wood equilibrium moisture content, a corresponding gap formation between the individual elements has to be expected. In case of a high wood equilibrium moisture content, the elements can swell perpendicular to the layers' fibre direction.		

HASSLACHER Glulam Ceiling Design and acoustic elements



Areas of use

- Offices and public buildings
- Schools and kindergartens
- Gyms
- Auditoriums and rehearsal rooms

Advantages

- Visually appealing interior architecture
- Enhancement of room acoustics
- Fast and easy assembly

Surface qualities

Visual quality Industrial quality

Cross sections

Thicknesses: 80 mm to 280 mm in 20 mm steps Widths: 200 to 1,200 mm in 40 mm steps

Lengths: up to 27 m

Strength classes

GL24h, GL28h in accordance to EN 14080 Higher strength classes are available on request

Degree of openness

Approximately 20 % of the visible surface

Sound absorption coefficient

 $\alpha_{yy} = 0.10$

Joint formation

Tongue and groove

Element pattern

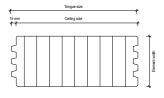
Element thickness: in 20 mm steps Element width: in 40 mm steps Net width = tongue size – 15 mm Possible length up to 27 m

Thickness

60, 80 mm 100, 120, 140 mm 160, 180 mm 200, 220, 240 mm 260, 280 mm

Tongue and Groove

1 Tongue and groove 2 Tongue and groove 3 Tongue and groove 4 Tongue and groove 5 Tongue and groove



Tongue and groove, including longitudinal rebate

Element pattern

Element thickness: in 20 mm steps Element width: in 40 mm steps Net width = tongue size – 15 mm Possible length up to 27 m

Thickness

60, 80 mm 100, 120, 140 mm 160, 180 mm 200, 220, 240 mm

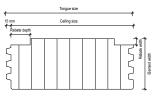
Rebate

Depth: 60 mm, width: 20 mm

Tongue and Groove

1 Tongue and groove 2 Tongue and groove 3 Tongue and groove

4 Tongue and groove



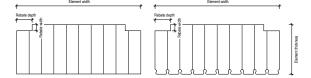
Longitudinal rebate

Element pattern

Element thickness: in 20 mm steps Element width: in 40 mm steps Net width = finished size Possible length up to 27 m

Rebate

Depth: 50 mm Width: 20 mm



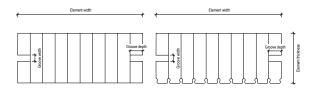
Single groove with loose tongue

Element pattern

Element thickness: in 20 mm steps Element width: in 40 mm steps Net width = finished size Possible length up to 27 m

Groove

Depth: 40 mm Width: 20 mm



Longitudinal rebate with single groove and loose tongue

Element pattern

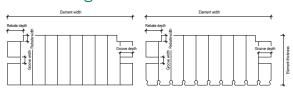
Element thickness: in 20 mm steps Element width: in 40 mm steps Net width = finished size Possible length up to 27 m

Rebate

Depth: 50 mm Width: 20 mm

Groove

Depth: 40 mm Width: 20 mm





HASSLACHER group product range





Sawn timber



Surfaced timber



Structural finger jointed solid timber & GLT®



Glued solid timber Duo/Trio



Glued laminated timber



Glulam ceiling



Cross Laminated Timber



Glued laminated timber special components



Special products



Pellets



Shuttering boards



Pallets & packaging solutions



HASSLACHER group

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