

# PRODUCT INFORMATION

## GLUED LAMINATED TIMBER

<b>PRODUCT STANDARD:</b>	EN 14080:2013
<b>WOOD TYPES:</b>	Spruce/fir (larch, douglas fir, pine on request)
<b>STRENGTH CLASSES:</b>	GL24h GL28c Other strength classes on request
<b>LAMELLA THICKNESS:</b>	NK 1 and 2: 41 mm lamella NK 3: 33 mm lamella (on request)
<b>MASS WEIGHTINGS:</b>	according to EN 14080:2013
<b>BONDING:</b>	MUF Type-I with light-coloured adhesive joint
<b>GLUED LAMINATED BEAM WIDTHS:</b>	individual widths up to 260 mm, from 280 mm as a composite component block-glued
<b>GLUED LAMINATED BEAMS HEIGHT:</b>	up to 3.20 m
<b>PRODUKTZERTIFIZIERUNG:</b>	CE, UKCA, PEFC, FSC auf Anfrage

## GLULAM SURFACE QUALITIES

PROPERTIES	INDUSTRIAL QUALITY	VISIBLE QUALITY
<b>General permissible:</b>	optical discolouration permissible, knots and resin pockets permissible, suitable for industrial and production halls	small optical discolourations occur, selected cover lamella
<b>Fallen / loose branches:</b>	permissible	> 20 mm Ø are repaired
<b>Rotten spots / forest edge:</b>	not permitted	not permitted
<b>Insect infestation:</b>	up to 2 mm permissible	not permitted
<b>Resin galls:</b>	permissible	up to 5 mm width and 50 mm length permitted
<b>Blue stain / red stripe:</b>	permissible	up to 5 % of the glulam surface
<b>Shrinkage cracks:</b>	without limitation	up to 4 mm width permissible
<b>Surface:</b>	Planed and bevelled, planing strokes and rough areas permitted	Planed and bevelled, planing cuts up to 1 mm deep

More detailed descriptions of the technical principles and qualities can be found in the current Glulam data sheet.



# PRODUCT INFORMATION

## STANDARD GLT

<b>TYPES OF WOOD:</b>	Spruce, fir (larch, pine, Douglas fir available on request)
<b>LENGTHS:</b>	Dimensional timber up to 24.0 m available Commissioned production of timber in multiple lengths or cut individually to fixed sizes
<b>SPECIAL LENGTHS:</b>	Up to 50.0 m available on request (special transport may be required for 14.0 m and longer)
<b>STANDARD WIDTH::</b>	80 to 260 mm; other widths available on request (in steps of 20 mm)
<b>STANDARD HEIGHT:</b>	Up to 1.2 m; other heights available on request (lamella size: 41 mm)
<b>STRENGTH CATEGORIES:</b>	GL24h, GL28c for an additional charge; other strength categories available on request
<b>SURFACE QUALITY:</b>	Visible, natural and industrial (see GLT fact sheet for detailed description)
<b>SERVICE CLASS:</b>	Service class 1, 2
<b>WOOD MOISTURE CONTENT:</b>	11 ± 2,5%
<b>PRODUCTION STANDARD:</b>	EN 14080:2013
<b>BONDING:</b>	MUF Typ I
<b>LAMELLA THICKNESS:</b>	41 mm
<b>PRODUCT LABELLING:</b>	Label on product, CE label, PEFC and FSC available on request
<b>PACKAGING:</b>	Shrink-wrapped in packs; individually shrink-wrapped on request (additional charge) Our wrapping acts as transport protection. However, it is only suitable to a limited extent as temporary protection from UV radiation and precipitation.
<b>OTHER OPTIONS:</b>	For formed components, see "Beam Shapes" product data sheet. For pre-assembled options, see "Factory Assembly Options" product data sheet.

### FACTORY ASSEMBLY OPTIONS:

