

# 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/06-38-168, FSC-C127645 on request

## 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.