

GLULAM - PRODUCTSHEET

homogenous

NORDLAM[®]

A RUBNER COMPANY 

Board Layer Wood Class	GL 24 h	GL28 h	GL 32 h	GL 36 h
Type of Wood	Spruce			
Wood Moisture	9% - 13%			
Slat Strength	40mm			
Adhesion	Amino-Melamine-Resin, light; glue compounds which do not darken over time			
Surface	planed on 4 sides, edges bevelled			
Cross Section	width: 80 - 240mm height: 80 - 1.240mm			
Length	from 2 to 24m			
Packaging	in packages, individually wrapped upon request			
Quality	Visual / Industrial	Visual / Industrial	Visual / Industrial	Visual
Manufacturing Process	as per EN 14080, DIN1052:2008, EN 385 and EN 386			
Sorting	as per EN 14081			
Sorting Classes	S10, L25	L30	L36	L40
Bending Strength $f_{m,g,k}$	24 N / mm ²	28 N / mm ²	32 N / mm ²	36 N / mm ²
Tensile Strength $f_{t,0,g,k}$	16.5 N / mm ²	19,5 N / mm ²	22.5 N / mm ²	26 N / mm ²
Elasticity Module $E_{0,g,mean}$	11600 N / mm ²	12600 N / mm ²	13700 N / mm ²	14700 N / mm ²
Individual Monitoring	Wedge-shaped bending strength as per DIN 68140-1 and EN 408 Glue joints as per EN 386:2001			
External Monitoring	FMPA Stuttgart Holzforschung Austria, Vienna Versuchsanstalt für Stahl, Holz und Steine, Karlsruhe (Inspection Agency for Steel, Wood and Stone)			