

Glued laminated timber elevate engineered-wood construction to the next level.

Durable, versatile and visually refined, glulam it allows for large openings, curved shapes and a distinct architectural expression, without aesthetic compromise.

A structural solution where performance meets design.

curved beams
and
special shapes



GL 28h

GL 24h

| | |
|---------------------|------------------------------------|
| strength classes | GL 24h, GL 28h |
| width | 65 ÷ 240 mm |
| height | 200 ÷ 2.120 mm |
| max. length | 36.000 mm |
| timber | spruce or pine |
| humidity | 12% ± 3% acc. EN 408+A1 |
| density | 420 or 460 kg/m ³ |
| adhesive | PUR & MUF Type 1 acc. EN 301 |
| lamella thicknesses | 10 ÷ 40 mm depending on the radius |
| service classes | 1, 2, 3 indoor/outdoor |
| conformity | SR EN 14080 |
| certification | 2204-CPR-01069 Icecon Cert |
| timber grading | visual acc. SR EN 14081 |
| finishing | visual quality |

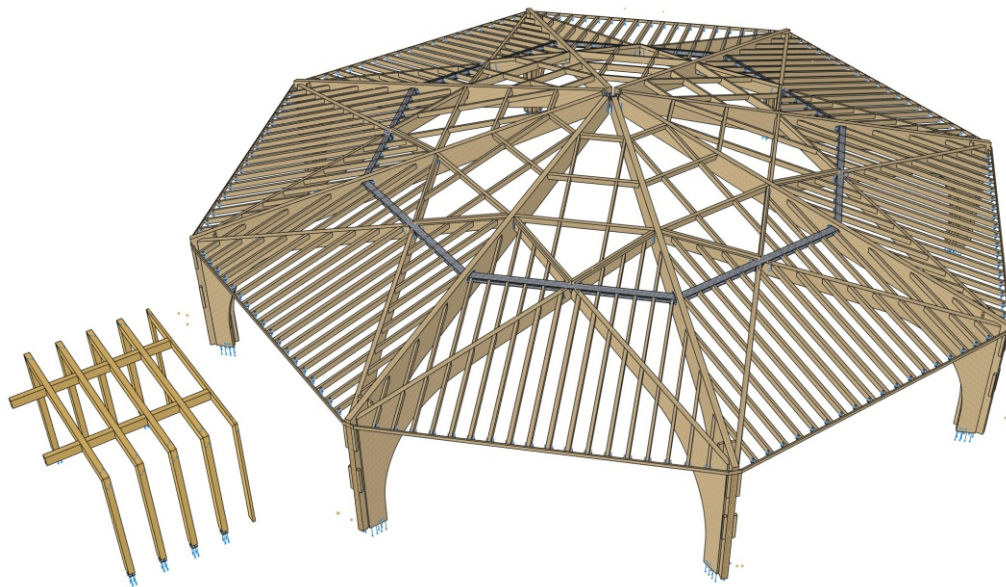
Curved beam sections

| Dimensions | | width (mm) | | | | | | | | |
|-------------|-----|------------|----|-----|-----|-----|-----|-----|-----|-----|
| | | 65 | 90 | 120 | 140 | 160 | 180 | 200 | 220 | 240 |
| height (mm) | - | | | | | | | | | |
| | - | | | | | | | | | |
| | - | | | | | | | | | |
| | 160 | | | | | | | | | |
| | 200 | | | | | | | | | |
| | 240 | | | | | | | | | |
| | 280 | | | | | | | | | |
| | 320 | | | | | | | | | |
| | 360 | | | | | | | | | |
| | 400 | | | | | | | | | |
| | 440 | | | | | | | | | |
| | 480 | | | | | | | | | |
| | 520 | | | | | | | | | |
| | 560 | | | | | | | | | |
| | 600 | | | | | | | | | |
| | 640 | | | | | | | | | |
| | 680 | | | | | | | | | |
| | 720 | | | | | | | | | |
| | 760 | | | | | | | | | |
| | 800 | | | | | | | | | |
| 840 | | | | | | | | | | |
| | | | | | | | | | | |
| 2.120 | | | | | | | | | | |

custom curved beams with radius starting from 1.80 m can be manufactured on request



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