

Glulam ...

... the arguments speak for themselves!

MOSSER



Glulam ...

a high-tech product:

The term glulam is understood to be components for wooden constructions that are made of technically dried spruce boards, from which flaws that reduce rigidity and visual defects such as large knots, pitch-pockets and ingrown bark have been removed. Elimination of the weak points and the layered structure result in the high-tech product known as glulam.

High dimensional stability:

Normal construction timber continues to dry in its installation condition. It shrinks, distorts and warps. Solid wood 24 cm wide, for example, shrinks between 10 and 20 mm with a wood moisture content reduction from 30 % to 10 %. This can also result in the formation of cracks. The most frequent cause of leaks in external walls and the consequent damage caused by the moisture is the shrinking of timber that was installed when it was still too wet.

During the manufacture of glulam, the lamellae are technically dried to approx. 10 % wood moisture content before gluing, and they are planed afterwards. The finished glulam thus already has a wood moisture content which corresponds to the equilibrium moisture in the installation condition.

Glulam exhibits substantially better characteristics than solid wood during processing. It will also not warp over the long term and the degree of cracking is minimized. Glulam is thus particularly suitable for visible components and the basis for a durable and dimensionally stable construction.

High-quality surfaces:

Planed and chamfered on all sides, glulam has a smooth and appealing surface.

In order to fulfil the most diverse creative requirements, glulam is also available in different surface qualities:

- Visual quality for components and all kinds of constructions with static and optical requirements
- Industrial quality for glulam with static requirements but without optical requirements

Attractive possibilities for interior design:

The technical features mentioned also provide architectural and/or creative advantages. Glulam harmonizes perfectly with other materials such as natural stone, concrete, steel or glass. Additional design accents can be achieved through treatment with paint, waxes or glazes.

Large dimensions and slimmer cross sections:

Glulam exhibits a higher degree of stability and higher rigidity than normal timber. It can be manufactured in lengths up to 18 m and dimensions up to 240 x 1,240 mm.

It is therefore possible to produce slim, supporting framework systems that cover large spans without the need for supports.

Dimensions:

- Widths from 80 – 240 mm in 20-mm-increments.
- Heights from 80 – 1,240 mm in 40-mm-increments.
- Lengths from 6,000 – 18,000 mm (to the exact cm).
- Lamella thickness up to 40 mm.

Dimension	Pieces/Pack
80 x 120 mm	30
80 x 160 mm	21
100 x 100 mm	36
100 x 120 mm	30
100 x 160 mm	21
100 x 200 mm	18
120 x 120 mm	20
120 x 160 mm	14
120 x 200 mm	12
120 x 240 mm	10
140 x 140 mm	16
140 x 200 mm	12
140 x 240 mm	10
160 x 160 mm	14
160 x 200 mm	12
160 x 240 mm	10
160 x 280 mm	8
180 x 280 mm	8
200 x 200 mm	12

Other dimensions are available on request.





Simple and trouble-free processing:

High-quality materials are also very valuable through its speed of processing.

No chemical wood preservation required indoors:

Fungi that is destructive to timber requires wood moisture to grow - this can be eliminated with the professional installation of glulam under the roof and in the building interior. Therefore, in accordance with DIN 68800 part 3, chemical wood preservation is not required in virtually all cases.

Outstanding living biology characteristics:

As a natural product, glulam has exceptional habitation biology characteristics and has a positive effect on the indoor climate.





Dealer stamp



Glulam from Mosser ... in proven quality:

Glulam from Mosser is a trouble-free, versatile branded product, which is manufactured using state-of-the-art production technology. It goes without saying that Mosser has all of the relevant marks of conformity, which can be accessed at www.mosser.at in the Download Centre.

Glulam from Mosser ... with proven service:

- Competent support from our highly trained sales team.
- Production and delivery in accordance with the timber list.
- Comprehensive services, such as joinery, impregnation and advice on technical application.
- Short delivery times due to the flexible manufacturing system.
- We offer you the use of our measuring tool as an aid for pre-dimensioning, which can be found at www.mosser.at

If requested, we will gladly also offer the supply and erection of turn-key halls. To accomplish this, we cooperate with an efficient partner company, as is the case in the supply of special glulam parts.