

Glulam ceiling elements ...

... the simple solution.

MOSSER



Ceiling elements ...

offer a wide range of application possibilities:

Glulam elements can be used in combination with solid structures, timber frame structures and timber skeleton structures as ceiling or wall elements.

Outstanding living biology characteristics:

Glulam ceiling elements correspond to the needs of the builder and provide a more secure, natural and solid structure. Their moisture-regulating properties enable them to create a pleasant room climate (wood can absorb moisture and release it again if required).

Simple and trouble-free processing:

- High degree of prefabrication
- Short installation times; no time spent waiting for drying or other processes after installation
- Application as a visible ceiling or wall construction is possible
- The low dead weight has a positive effect on the overall construction
- Lower component heights in comparison with normal timber beam ceilings are possible, which means that lower floor heights can be constructed
- It is possible to process the elements at the carpenter's premises (recesses, drill holes, etc.), independent of the weather conditions; the high degree of prefabrication ensures that faults are virtually excluded.

Excellent technical properties:

Glulam ceiling elements have good heat, sound and fire protection ratings. The required fire protection classes are obtained without a problem.

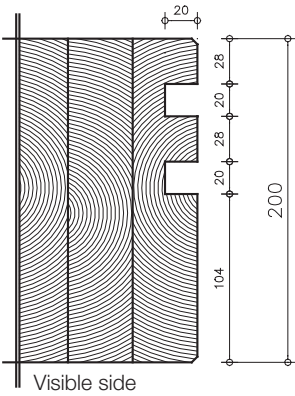
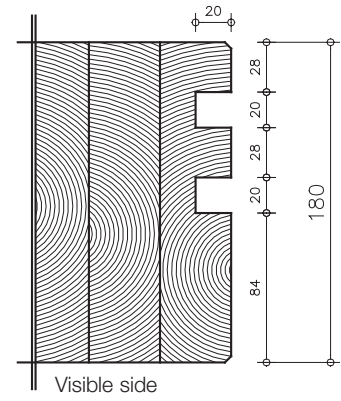
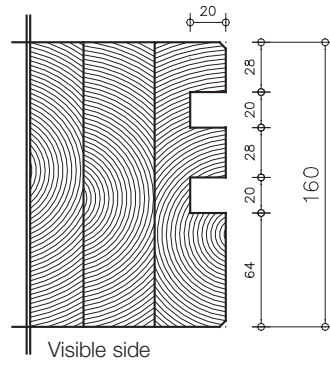
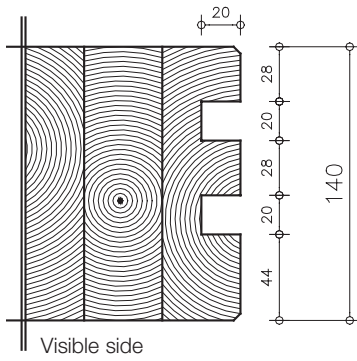
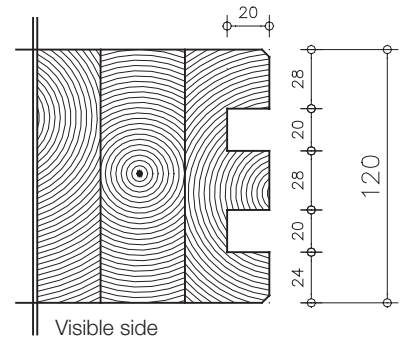
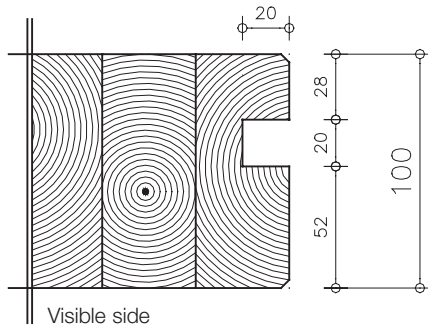
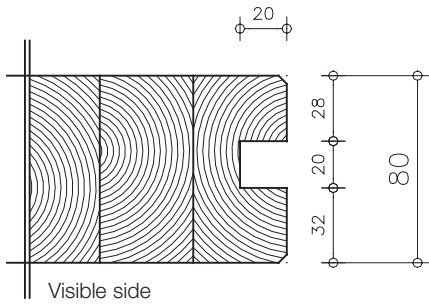
Dimensions and constructions:

The elements are manufactured in thicknesses of 80, 100, 120, 140, 160, 180 and 200 mm. The elements are 600 mm wide.

The elements that are 80 mm and 100 mm thick come with a single groove (for loose tongues) and the larger elements have a double groove (for loose tongues). A tongue and groove joint can also be manufactured if requested by the customer.

To obtain fire resistance class F 30 around the area of the joints, it is necessary to insert a tongue; to obtain the F 60 class two tongues must be inserted one above the other. The combustion rate is to be compared with that for un-glued spruce wood.

Possible groove profiles:



Laying information:

Wood is a hygroscopic material that is subject to the different climatic conditions during production, transport, storage, subsequent treatment, and the expansion and shrinking processes after installation.

The average wood moisture content during production is 11 ± 2 %. It should be ensured that the elements are not exposed to any moisture. The dimensions of spruce wood change on average by 0.24 % for every 1 % difference in wood moisture content (which corresponds to 1.44 mm in a component width of 600 mm).

It is imperative that the elements are kept dry during the construction phase and in the completed building in order to prevent any structural damage, which can arise from the expansion of wood that has become wet. Appropriate consideration should be given to the expansion and shrinking of the elements during different seasonal climatic conditions.





Dealer stamp



Ceiling elements from Mosser ... in proven quality:

Glulam ceiling elements from Mosser are a trouble-free, versatile applicable branded product, which is manufactured using contemporary 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.

Ceiling elements from Mosser ... with proven service:

- Competent support from our highly trained sales team.
- 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