

Laminated veneer lumber

Kerto-S

With the Kerto-S the wood grains of the veneer layers only run in the longitudinal direction of the panel. It is produced as a panel and cut into strips which can be used as beams or supports in different constructions for high-load bar shaped structural elements. In conventional constructions it is the optimum solution to problems as beam reinforcement. In demanding structures such as wide-ranging or heavily stressed halls, domes, bridges or specialist constructions the characteristics of Kerto enable completely new construction possibilities.

Areas of use

Beams	Window and door supports
Frame constructions	Frame members and ladder stiles
Economical hall constructions	Scaffold planks
Highly stressed supports	Formwork girders
Lean beams, purlins and rafters	Fins on connecting constructions
Beam and purlin reinforcements	

Formats and dimensions

Thicknesses	21 *, 27, 33, 39, 45, 51, 57, 63, 69, 75 mm
Width	1.82 m und 2.50 m (Rohmaße)
Length	Width 1.82 m = up to 23.0 m (production length)
Width	Width 2.50 m = up to 20.0 m (production length)

Please note: transport limitations have to be taken into account with the lengths!

*Thickness of 21 mm is not available in the width of 2.50 m



picture and text: © Metsä Wood

Kerto-Q

The Kerto-Q can be used as a panel or sheet. As both a bearing and reinforcing roof and ceiling disc, Kerto-Q enables bracing struts to be omitted. It enables especially thin roof projections and forms the soffit of the roof and ceiling at the same time. It is also possible to produce notched joists economically with Kerto-Q. The fibres of the individual veneer layers mainly run in the longitudinal direction of the panel, and on some (approx. 20 %) in the traverse direction.

Areas of use

Bracing ceilings and walls	Cross-stressed beams and supports
Supporting roof and wall ceiling coverings	Connector panels
Roof and acoustic panels	Storage and working platforms
Bridge flooring	

Formats and dimensions

Thicknesses	21 *, 27, 33, 39, 45, 51, 57, 63, 69, 75 mm
Width	1.82 m und 2.50 m (raw dimensions)
Length	Width 1.82 m = up to 23.0 m (production length)
Width	Width 2.50 m = up to 20.0 m (production length)

Please note: transport limitations have to be taken into account with the lengths!

*Thickness of 21 mm is not available in the width of 2.50 m



Advantages

Dimensional stability
Large formats
Straightforward processing
High loads possible