



EDGE GLUED PANEL

Think Teak!



The mark of
responsible forestry



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NOVELTEAK

www.novelteak.com

Think Teak!

SUSTAINABLE & FSC™ CERTIFIED FOREST OPERATION

Being FSC™ certified is an election we make every day. Doing the right thing for the forest was the spark that moved our shareholders 28 years ago and is what move us today. We are proud to have our forest management programs, and industrial processes certified because it means that our impact is environmentally appropriate, socially beneficial, and economically viable. And that is good for all.

Novelteak at a glance

17.476 ha under management
275 employess (fte)
250 seed genotypes
Worldwide exports
35.000 m3 roundwood production
~1.88M tons of CO2 fixed & growing
Fully integrated manufacturing facility



Novelteak Virtuous Cycle: Integration from seed to product

All teak wood used by Novelteak to produce FSC™ certified finished products was first a seed we carefully selected from specific trees. The seed was nurtured in our nursery until it was strong enough to be planted in recovered pasture lands. Before taking care of plantations for many years, we harvest and manufacture FSC™ certified teak products. Is then when we start the cycle again by planting almost four seeds by every tree that is harvested, to ensure future availability of natural, authentic, beautifull and responsible grown teak. More details: please visit www.novelteak.com/virtuouscycle



1. Seeds: Improving future quality of teak. 2. Nursery: 500.000 production capacity 3. FSC™ +17.000 forest operation. 4. Industry: + 20.000m3 output capacity. 5. FSC™ teak finished products.

EDGE GLUED PANEL

Edge Glued Panel, from Novelteak

Edge Glued Panels (EGP) are manufactured by gluing individual pieces of dimension lumber by the edge, under controlled conditions. EGP and EGP FJ (Finger jointed version) are ideal products to simplify furniture production while adding a natural, authentic and warm look & feel to any project. Every Edge Glued Panel is made of FSC™ certified plantation teak that is grown by the sun and nature, and requires less energy than synthetic materials to be manufactured and is a distinctive option for projects that are seeking for LEED® certification contribution.

Process

Teak is KD to ~10% moisture content and selection of the right components is done depending on the final product, application and grade. We use lamellas between 50mm and 70mm wide which are full length for 2100mm long version and finger jointed for 2440mm long version. Pieces are bonded together the right combination of pressure and durable moisture-resistant D4 EPI waterproof adhesive.

Dimensions

	Thickness (mm)	Width (mm)	Lengths (mm)	Grading
Full Length Lamellas	12/15/19	1220	2100	A, B, C
Finger Joint Lamellas	12/15/19	1220	2440	A, B, C



Applications

General furniture manufacturing

Benefits

Stable and moisture resistant
100% FSC™ certified contributes to LEED®
Flexible dimensions and thickness.
Natural, authentic wood look & feel

CUSTOM
DIMENSIONS
ON-DEMAND

EDGE GLUED PANEL

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Some applications



Grading



<< A Grade

100% heartwood best face
Sapwood allowed back face
Live knots allowed both faces
No pith, decoloration, blue stain, pinholes, crack or dead knots allowed.

B Grade >>>

70% heartwood best face
Sapwood best face up to 30% and back face. Live knots allowed both faces. No pith, decoloration, blue stain, pinholes crack or dead knots allowed

