



TEAKLAM
LAMINATED TEAK

Think Teak!



The mark of
responsible forestry



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NOVELTEAK

www.novelteak.com

A photograph of a lush forest. In the foreground, large, broad green leaves, some with small holes, are prominent. Behind them, several tall, slender tree trunks rise vertically, their branches and leaves forming a dense canopy that filters the light. The overall color palette is dominated by various shades of green, with some brown tones from the tree trunks and leaf damage.

We can't live without forests

Doing the right thing for the forests was the spark that moved our shareholders many years ago, and is the force that moves us today. And every day.

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 managment
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.

Laminated Teak, from Novelteak

Teaklam™ is manufactured by gluing together individual pieces of dimension lumber under controlled conditions. Teaklam™ optimizes the structural values of teak as a renewable resource. By laminating we transform small teak pieces into large and strong products that can be used in multiple manufacturing and architectural applications. Teaklam™ is made of FSC™ certified plantation teak, which has a lower carbon footprint than other building materials such as concrete and steel.

Process

Teak is KD to ~10% moisture content and selection of the right components is done depending on the product, application and grade. Finger joint -only visible on edges- is done and then pieces are bonded together with the right combination of pressure and durable moisture-resistant structural adhesive.



Availability of dimensions

	Thickness (mm)	Width (mm)	Length (mm)	Lamellas (mm)	Grading
Panel	20, 25, 30, 38, 42, 50	Max 1200	Max 6000	15, 20	Zebra
Beam	50, 80, 76, 2	152, 4, 203, 2	Max 6000	15, 20	Zebra
Column	152, 4, 203, 2	152, 4, 203, 2	Max 6000	15, 20	Zebra

Applications

Beams and columns, wall paneling, stair treads, furniture, door components, kitchen/table/bath tops, window and door frames, floor panels and tiles, cabinetry, scantlings.

Benefits

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

Some applications



Grading



<< A Grade

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

Zebra Grade >>>

50/50% heartwood & sapwood best face. Small live knots allowed both faces
No pith, decoloration, blue stain, pinholes, crack or dead knots allowed



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