



TEAKLAM  
LAMINATED TEAK

Think Teak!



**NOVELTEAK**

[www.novelteak.com](http://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 on the environment is socially beneficial, and economically viable. And that is good for all.

### Novelteak at a glance

17.476 ha under management  
275 employees (fte)  
250 seed genotypes  
Worldwide exports  
35.000 m3 round wood production  
~ 1.88M tons of Co2 fixed & growing  
Fully integrated manufacturing facility



## Novelteak Virtuous Cycle: Integration from seed to product

All teak 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. After taking care of plantations for many years, we harvest and manufacture FSC™ certified teak products. Next, we start the cycle again by planting almost four seeds by every tree that is harvested to ensure future availability of natural, authentic, beautiful and responsibly grown teak. More details: please visit [www.novelteak.com/virtuouscycle](http://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
<b>Panel</b>	20, 25, 30, 38, 42, 50	Max 1200	Max 6000	15, 20	A, Zebra
<b>Beam</b>	50, 80, 76, 2	152, 4, 203, 2	Max 6000	15, 20	Zebra
<b>Column</b>	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

