



**ENGINEERED OAK  
SPECIFICATIONS:  
UNFINISHED**

# PRODUCT SPECIFICATIONS

## Eco Oak Engineered Wood Flooring Specification for:

<b>RUSTIC</b>	12/3mm x 190mm x 1900mm
<b>PREMIUM</b>	15/4mm x 190mm x 1900mm
<b>PRIME</b>	15/4mm x 220mm x 1900mm
<b>CLASSIC</b>	15/4mm x 220mm x 2200mm
<b>PRIME</b>	21/6mm x 220mm x 1900mm

## Specifications & Standard applied:

EN 14342:2013, according to Assessment and Verification of Constancy of Performance System 4 of European Regulation No.305/2011(CPR). 100% real wood, plywood substrate is Eucalyptus multiply. "Dynea Glue" compliance with Prefere 6151,6100I. The floor is certified by ISO9001,CE,etc. The unfinished oak is pre-sanded smooth surface.

**Product name:** Eco Oak Layer engineered wood flooring, wood species:  
In default the pack box contains 20% multiple plank lengths (random length from 600mm to 1900mm);

**Bevel Edge:** Machined first before coating, radius 1mm at long sides; no bevel/square edge at short sides;

**Joint:** Tongue & groove

**Processing method of lamination:** Cold Pressed. Eucalyptus plywood is adopted by Phenol Glue(Dynea), and Lamination glue between top and Plywood is EPI. After lamination 5 days conditioning before processing.

**Release of Formaldehyde:** E1(0.2mg/m<sup>2</sup>\*h) (EN717-2)

**Breaking Strength:** 18.3KN(EN1533:2000)

**Thermal conductivity:** 0.18W/mK (EN ISO 10456:2007)

**Durability(biological):** Class 1 (EN335:1992)

**Density and reaction to fire:** 679kgs/m<sup>3</sup>, Dfl-S1 (EN323:1993, EN14342:2005+A1:2008)

**Content of pentachlorophenol:** <5ppm (CEN/TR 14823)  
Water soak delamination(length of delamination on any glue line shall be not more than 1/3): No delamination

**Moisture content:** 8.4%

**Modulus of elasticity(>4000):** 14880Mpa

**Bending Strength(Average>30Mpa):** 115.6Mpa

**Warping:** fw<0.2%(up); fw<0.15%(down); fl<1%(up); fl<0.5%(down);

**Thickness tolerance:** Normal value is less 0.5mm than average value;Tmax is less 0.5mm than Tmin.

**Qmax:** <0.2mm; Smax:<0.3mm/m; Floor gap: Average value<0.15mm; Max value<0.2mm;

**Top Layer options:**

Russian Oak – with grade selections

European Oak – with grade selections

**Packing options:**

**12/3 x 190 x 1900mm RUSTIC GRADE**

10 pieces per box, 3.61m<sup>2</sup> per box, 12 pallets/20 foot FCL, 528 cartons/20 foot FCL, 1906.08m<sup>2</sup> per 20 foot FCL

**15/4 x 190 x 1900mm PREMIUM GRADE**

8 pieces per box, 2.888m<sup>2</sup> per box, 12 pallets/20 foot FCL, 528 cartons/20 foot FCL, 1524.864m<sup>2</sup> per 20 foot FCL

**15/4 x 220 x 1900mm PRIME GRADE**

8 pieces per box, 3.344m<sup>2</sup> per box, 12 pallets/20 foot FCL, 456 cartons/20 foot FCL, 1524.864m<sup>2</sup> per 20 foot FCL

**15/4 x 220 x 2200mm CLASSIC GRADE**

8 pieces per box, 3.872m<sup>2</sup> per box, 12 pallets/20 foot FCL, 387 cartons/20 foot FCL, 1498.464m<sup>2</sup> per 20 foot FCL

**21/6 x 220 x 1900mm PRIME GRADE**

6 pieces per box, 2.508m<sup>2</sup> per box, 12 pallets/20 foot FCL, 470 cartons/20 foot FCL, 1178.76m<sup>2</sup> per 20 foot FCL

2 % QUANTITY FLUCTUATION PER 20 FOOT FCL CAN OCCUR