

# Red Grandis™



The mark of  
responsible forestry

FSC® C020034

**Sustainable forests**



## HIGH QUALITY LUMBER

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# Red Grandis™

The sustainable alternative to native forests and tropical hardwoods



## Description of the Wood:

**Specie:** Eucalyptus Grandis  
**Source:** URUFOR, Uruguay  
**FSC® 100% Certified**  
Consistent supply

## LOG Description:

**Origin:** 100% from plantation forests, vertically integrated company  
**Diameter:** 55-60 cm DBH in 25 years

## Physical and Mechanical Properties:

**Density:** 600 Kg/m<sup>3</sup> (KD MC 10-12%)  
**Stability:** Very stable  
**Class durability:** Class 2 (MPA Eberswalde, Germany - August 2017)  
**Thermal conductivity:** Tangencial - 0.1261 W/(m.K)  
Radial - 0.1047 W/(m.K)  
**Modulus of Elasticity:** 14.000 MPa  
**Modulus of Rupture:** 60 MPa  
**Janka Hardness:** 5,2 kn

## Cutting and Machining:

**Gluing:** Excellent  
**Machining:** Excellent  
**Finishing:** Excellent

## Main Applications:

Windows  
Doors and door frames  
Mouldings  
Indoor and outdoor furniture  
Stair Components  
External cladding  
Structural glue-lam beams  
T&G wall paneling



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