



# PRODUCT DATA SHEET

## Treated European Oak Sleepers 200mm x 100mm

Wood type:	Hardwood
Wood Variety:	European Oak ( <i>Quercus robur</i> )
Durability (Heartwood):	Durable – 15-25 years
Density:	ca. 720kg per cu. Metre
Moisture:	Air dried or wet > 22% moisture content
Colour:	Tanned yellow – brown (weathering to silver)
Drying:	Dries slowly with a tendency to split, check and honeycomb
Chemical Properties:	Acidic nature, iron staining may occur in damp conditions. May also corrode metals
Profile:	Sawn profile of 200mm x 100mm. Variety of lengths available. Sleepers will have at least 2 straight edged sides comprised mainly of Heartwood. Some sleepers will have up to two edges with wane which in some instances can run the entire length of the sleeper and will be comprised of some sapwood near the outside edges.
Treatment:	Pressure treated with Impralit® KDS

## **Impralit®-KDS**

Impralit® KDS is an EPA registered wood preservative that's suitable for both ground contact and above ground applications. Using solubilised copper as the major active and Polymeric Betaine as well as boric acid, Impralit®-KDS is evenly distributed in the treated wood.

Impralit®-KDS is listed in the AWWPA standards and approved by the ICC. Comparing to other copper based preservatives on the market today, Impralit®-KDS has a lot of advantages.

### **Properties**

- Environmental compatibility
  - Suitable for engineered wood products. Impralit® - KDS in most cases enhances glue bonding and improve the strength of wood composites and engineered wood products.
  - Better mold resistance
  - Even distribution
  - Less corrosion to metal fasteners
  - Improved termite resistance
  - Impralit® -KDS is identical to Impralit®-KDS-B except it contains additional boric acid.
- For detailed information please contact RUETGERS Organics North America.



“Rustic” edges on typical sample of sleepers



Reverse side – straight edge