

# Manuden

No 015 English Red May Oiled Brushed European Oak

## Grading

### Nature grade

Natural colour variation is allowed, and minimal sapwood is permissible. Sound knots up to a maximum diameter of 50mm are acceptable and filler will be used to fill knots and sound splits.



## Product Details

Product Code	No 015
Collection	Natural Shades
Construction	Engineered Multi-Ply
Specie	European Oak
Finish	Matt Hardened Oil
Top Layer	4mm (15mm thick) 6mm (20mm thick)
Bottom Layer	Birch Plywood
Surface	Brushed
Thickness	15mm, 20mm
Width	140mm, 180mm, 220mm
Length	700-2200mm (50% 2200mm)
Grade	Nature
Edges	Four Side Micro-Bevel
Profile	Tongue and Groove
Pack Size	1.232m <sup>2</sup> (140mm wide) 1.584m <sup>2</sup> (180mm wide) 1.936m <sup>2</sup> (220mm wide)

## Installation

Glued Down	Yes* (recommended)
Secret Nailed	Yes*
Floated	Yes*
Over UFH	Yes* (surface must not exceed 27°C)

## Technical

Janka Hardness Rating	1,120 lbf (4,980N)
Slip resistance	64/30 PTV** (BS7976-2:2002)
Origin	Europe
Thermal Conductivity	λ 0.15-0.17 W/m <sup>2</sup> K (EN12664)
Responsible Certificate	Please contact us for details
Finish Information	Please contact us for details
Formaldehyde Emmision	E1 (EN717-1)
Reaction to Fire Certificate	Please contact us for details
Maintenance	Maintenance instructions are available for this product via our website or office.

\* Subject to correct installation and compatible subfloor, heating system and control. (See our installation over underfloor heating guide for details)

\*\* Slip resistances are based on third party sample tests, and should be use for guidance only.

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