



Whiteriver

wood for living

# MORALES OAK

## RENAISSANCE PLANK COLLECTION

### ENGINEERED PRODUCT SPECIFICATION DATASHEET

PRODUCT DESIGN	INFORMATION
Thickness / Wear Layer	13/4mm 19/4mm 21/6mm
Width x Length	180 x 1950/2400mm 220 x 1950/2400mm 260 x 1950/2400mm 300 x 2400/3000mm <b>19mm Only</b> (Length spec to differ for all widths and are subject to production)
Species	European Oak (Quercus Petraea)
Floor Type	Multi-Layer European Oak
Construction	Engineered Plank
Colour Tone	Grey / Brown
Surface	Sanded
Surface Finish	UV hardened oil / wax (Dsc)
Installation Profile	Tongue and Groove
Box Quantity (Boards per pack)	TBC
Pack Size	TBC

GRADING CRITERIA	INFORMATION
Grade	<b>Rustic / Character:</b> Quantity and size of knots will be significantly more evident in this grade. Maximum size of broken knots, 40mm. <b>Rustic AB:</b> Quantity and size of knots will be less evident in this grade. Maximum size of broken knots, 20mm. For full grading description see: <a href="https://www.wrg.ie/grading-guidelines/">https://www.wrg.ie/grading-guidelines/</a>
Filler	Allowed (All defects will be filled – small outbroken surface defects can occur)
Putty Colour	Brown
Moisture Content	8% (+/-2%)
Gloss Level	8% (+/-5%)
Core	WBP Birch Plywood Base
Bevel	1.7mm Bevel on long sides. Square edge shortends (G02)
Board Length	+/- 2mm
Board Width	+/- 0.7mm
Board Thickness	+/- 0.3mm
Bow (length) (max)	20mm per linear metre
Weight	700kg/m <sup>3</sup>

TECHNICAL	INFORMATION
Slip	Dry : 68 Wet : 55 to BS7976-2
Thermal Conductivity	$\lambda = 0.17 \text{ W/mk}$
Thermal Insulation Value	$R = 0.08\text{m}^2 \text{ k/w}$
Class of Reaction to Fire	Dfl – S1 (Bfl – S1 available on request with lead time)
Brinell Hardness	Average HB 3.7
European Standard	EN 14342:2005 Wood flooring, EN 12524:2000 Building materials
Formaldehyde Emission	E1
FSC Certification	FSC Certified
Origin	Europe
CE marking / DOP	DOP WD_LF_005 Available on request with our office or can be downloaded on <a href="http://www.wrg.ie">www.wrg.ie</a>
EUTR	Responsibly sourced under EUTR regulations.

INSTALLATION & STORAGE	INFORMATION
Installation	Glue down Installation only. Please refer to the Whiteriver Installation instructions included in each carton. Also available on <a href="http://www.wrg.ie">www.wrg.ie</a>
Underfloor Heating	Yes (water systems only) please ensure to follow manufacturing instructions.
Warranty	20 year structural warranty.
Usage	Indoor use only.
Storage	Store flat & on a stable surface. Place product in the room at least 72 hours before installation to allow for acclimatization.
Air Humidity	40 - 60%

## FLOOR CARE & MAINTENANCE

### Room Conditions:

Timber likes pleasant room conditions similar to humans: A room temperature of 20° and humidity of about 50%. The recommended range for timber flooring should be 18-22° and humidity 40-60%. A humidity controller may be required. All rooms which have timber flooring should ideally be maintained at the above. For underfloor heating the surface temperature of the wood surface should not exceed 26°celsius.

### Protecting your floor:

To preserve quality and beauty of your floor we recommend you use protective pads and caster cups under chairs and furniture legs. If there is a door leading outside from the room where you have installed your hardwood flooring, use a door mat to catch the dirt and absorb the humidity. Never use a rubber matt, with styrofoam or plastic backing. If you must move heavy pieces of furniture (e.g. refrigerator, piano, etc.), never slide them directly over the flooring. Instead, place a piece of carpet facedown between the legs and the flooring and pull the carpet to move the furniture. The floor should be monitored every 2-3 months to inspect the conditions of the surface.

Please refer to the Floor Care and Maintenance sheet included in each pack or alternatively visit [www.wrg.ie](http://www.wrg.ie) for full care guidelines on caring for your floor correctly.

## INSTALLATION & WARRANTY

All Whiteriver floors must be installed by a professional approved installer who has the necessary skills and will take each site circumstance into consideration. Our warranty is only valid on floors which have been installed by an approved flooring installer to BS8201. All floors must be installed as per our installation instructions. (Available on [www.wrg.ie](http://www.wrg.ie))



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