



**Whiteriver**

wood for living

# OAK MESSINA

RENAISSANCE COLLECTION

260 X 21 X 1950 / 2400MM

## ENGINEERED PRODUCT SPECIFICATION DATASHEET

PRODUCT DESIGN	INFORMATION
<b>Board Size</b>	260 x 21 x 1950/2400mm (orders can be supplied in one length size or a mixture of both lengths)
<b>Product code</b>	D1420009 / D1420010
<b>Species</b>	European oak (Quercus Petraea)
<b>Floor Type</b>	Multi-layer European oak
<b>Construction</b>	Engineered
<b>Top Layer</b>	6mm
<b>Surface finish</b>	UV hardened oil / wax
<b>Treatment</b>	Smoked, extra white, planed (planing will result in some surface areas being slightly rougher in texture)
<b>Profile</b>	As per drawing
<b>Box quantity</b>	4 boards per pack
<b>Pack size</b>	2.028m <sup>2</sup> / 2.496m <sup>2</sup>

GRADING CRITERIA	INFORMATION
<b>Grade</b>	Rustic / Character: Quantity and size of knots will be significantly more evident in this grade. Maximum size of broken knots, 40mm. The boards will contain both heartwood and sapwood and have a higher degree of natural colour variation as a result. Allowable sapwood to be less 20% of the board width and less than 20% in volume. Growth ring and end crack defects will be more obvious and filled to match the natural timber however may vary between boards and batches. End checks 4 x 200mm maximum.
<b>Filler</b>	Allowed (All defects will be filled - small outbroken surface defects can occur)
<b>Putty colour</b>	Brown
<b>Moisture content</b>	8-10%
<b>Gloss level</b>	10% (+/-5%)
<b>Plywood</b>	WBP birch plywood base
<b>Bevel</b>	1.7mm Bevel long sides. Square edge shortends (GO2)
<b>Board length</b>	+/-2mm
<b>Board width</b>	+/-0.7mm
<b>Board thickness</b>	+/-0.3mm
<b>Bow (length) (max)</b>	20mm per linear metre
<b>Weight</b>	+/-700kg m <sup>3</sup>

TECHNICAL	INFORMATION
Slip	Dry: 64 Wet: 36 to BS7976-2
Thermal conductivity	$\lambda = 0.17 \text{ W/mk}$
Thermal insulation value	$R = 0.121 \text{ m}^2 \text{ k/w}$
Class of reaction to fire	Cfl - S1
Brinnell hardness	Average HB 3.7
European standard	EN 14342:2005 wood flooring , EN 12524:2000 building materials
Formaldehyde emission	E1
FSC Certification	Available on request with lead time
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	Float / glue down installation. Please refer to the Whiteriver installation instructions included in each carton. Also available on <a href="http://www.wrg.ie">www.wrg.ie</a>
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 acclimatisation.
Air moisture	40 - 60%
Temperature	18-22 degrees celsius

## 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 25°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 6-12 months to inspect the conditions of the surface.

*For further information please refer to the Floor Care and Maintenance manual included in the pack or alternatively visit [www.wrg.ie](http://www.wrg.ie)*

## 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))



*The grading image used in this datasheet is intended only as a guide of what the final product may look like. No rights can be taken from it. This technical data sheet was developed by Whiteriver Group, Cluide, Dunleer, Co Louth, Ireland, A92 V8YN. At the time of issuing this datasheet, all information is correctly stated. The company reserves the right to update or amend the specifications of this product at any time without prior notice to third parties.*