



OAK MESSINA

RENAISSANCE PLANK COLLECTION
260 X 21/6 X 1950/2400MM

ENGINEERED PRODUCT SPECIFICATION DATASHEET

| PRODUCT DESIGN | INFORMATION |
|--------------------------------|---|
| Board Size | 260 x 21 x 1950/2400mm (Orders can be supplied in one length size or a mixture of both lengths) |
| Product Code | D1420009 / D1420010 |
| Species | European Oak (Quercus Petraea) |
| Floor Type | Multi-Layer European Oak |
| Construction | Engineered Plank |
| Top Layer | 6mm |
| Surface Finish | UV hardened oil / wax |
| Treatment | Smoked, extra white, planed (planing will result in some surface areas being slightly rougher in texture) |
| Installation Profile | Tongue and Groove |
| Box Quantity (Boards per pack) | 4 boards per pack (1 nested row possible per pack) |
| Pack Size | 2.028m ² / 2.496m ² |

| GRADING CRITERIA | INFORMATION |
|--------------------|---|
| Grade | 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 than 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. |
| 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 ³ |

| 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 (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 | Available on request with lead time |
| Origin | Europe |
| CE marking / DOP | Available on request with our office or can be downloaded on www.wrg.ie |
| 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 www.wrg.ie |
| 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 acclimatisation. |
| 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 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)



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