

blue evolution



ENGINEERED HARDWOOD FLOORING
SPEC SHEET REF BE2812

BLUERIDGE 100% Hardwood Engineered Maxi Flooring
AMERICAN WHITE OAK (Unfinished)
190mm x 22mm x rl—Ontario Grade



White Oak trees are an iconic North American species and grow readily there



Blueridge American White Oak Flooring is sourced from well managed and sustainable forests on the US/Canadian Border, so you can be sure that our flooring is not literally costing the earth

Product Information

- Species:* BE2812—American White Oak (latin: quercus alba)
- Grade:* Ontario Grade (Select & Better to NWFA grading regulations). Ask for samples to indicate the grade)
- Finish:* Unfinished boards (factory finish can be specified)
- Width:* 190mm
- Thickness:* 22mm (unique 100% hardwood sandwich construction with 3.6mm wear layer)
- Lengths:* Random according to grade (Min: 450mm, Max: 1800mm random according to grade)
- Edges:* Microbevelled edges on all four sides
- Ends:* End matched with a tongue and groove
- Sides:* Tongue and grooved
- Care:* Hardwood staves for strength and stability
- Pack size:* 1.5390m²— cardboard carton
- Pallet:* Packs / pallet vary. Two way entry pallet, plastic wrapped

Note: Solid hardwood flooring is manufactured from completely natural products and grading is carried out by trained personnel. However, there may be slight variations to the specifications listed above, our grading rules limit these occurrence to 5% of the pack quantity and can normally be eliminated during installation

Species Hardness table (Janka Scale)

Brazilian Walnut (Ipe)	3680
Bolivian Cherry	3650
Brazilian Teak (Cumaru)	3540
Brazilian Rosewood	3000
Brazilian Cherry	2350
Mesquite	2345
Santos Mahogany	2200
Merbau	1925
Purple Heart	1860
Hickory / Pecan	1820
African Perdauk	1725
Timbergrass Bamboo	1642
Wenge	1630
Brazilian Maple	1500
American Hard Maple	1450
Australian Cypress	1375
White Oak	1360
White Ash	1320
American Beech	1300
Northern Red Oak	1290
Yellow Birch	1260
Iroko	1260
Heart Pine	1225
Walnut (American Black)	1010
Teak	1000
Cherry (American Black)	950
Southern Yellow Pine	870
Yellow Pine	690
Douglas Fir	660

Species tangential shrinkage in %

Beech	11.9
Jarrah	11.0
Oak, white	10.5
Maple, hard	9.9
Birch, yellow	9.5
Hickory / Pecan	8.9
Maple, Brazilian	8.8
Oak, Northern red	8.6
Cherry, Brazilian (Jatoba)	8.5
Bubinga	8.4
Walnut, Brazilian	8.0
Ash, white	7.8
Walnut, American black	7.8
Teak, Brazilian (Cumaru)	7.6
Pine, Southern yellow	7.5
Sapele	7.4
Douglas Fir	7.3
Cherry, American black	7.1
Santos Mahogany	6.2
Purpleheart	6.1
Teak, Thai/Burmese	5.8
Wenge	5.8
Padauk	5.2
Merbau	4.6
Iroko	3.8
Mesquite	3.2
Cypress, Australian	2.8



Grading and species characteristics

1. **Profile**, unique 100% hardwood construction for super stability.
2. **Clear grain**, in the Ontario grade there will be a good proportion of clear grained heart wood (approx. 98%)
3. **Knots**, large knots, checks or splits are not permitted in this grade.
4. **Wavy grain & sapwood**, is permitted in very small amounts (approx. 2%)
5. **Mineral streaks**, may be occasionally seen on some boards but infrequently
6. **Tight knots**, occasional small pin knots are accepted but infrequently. No worm holes will be present.

The grading rules allow up to 5% out of grade product when measured by area.

Installation information

- This hardwood flooring is not suitable for use in wet areas such as Bathrooms.
- The product should be allowed to acclimatise to the room conditions before laying.
- Make sure the room is dry and weather tight and heating is commissioned before laying.
- Check the moisture level of the wood before laying. Make sure that any concrete sub-floors have cured for at least 30 days, are flat within tolerance and have a moisture content less than 5%
- Fitting instructions available at www.blue-evolution.com
- All woods will expand and contract as the ambient moisture changes within the room. It is essential that expansion gaps are left around the perimeter of the flooring when being installed. Large areas should have expansion gaps within the flooring.
- Make sure that you include for additional product to account for waste when fitting. Generally an additional 5% of floor area is sufficient to accommodate for cutting waste.
- Cleaning hardwood floors in use is essential, we recommend that you use a proprietary Bona specialist cleaner for wood floors. Avoid using excessive levels of water.
- We recommend the use of a professional Wood Flooring Installer for best results.
- Blueridge engineered flooring can be used with with under-floor heating systems if commissioned correctly.

About the product

The Blueridge 22mm engineered maxi product is manufactured in Singapore especially for Blue Evolution using American White Oak imported from the US. The lumber is taken from well managed forests in the mid US where local Forest Management practice is to plant a greater quantity of trees than those felled.

The facility manufactures the product to strict quality control policies to ensure consistency and a high level of quality. Blueridge only uses 100% American White Oak from North America, the species has been used in high quality furniture and carpentry for centuries.

The product is packed in cardboard cartons each containing 1.5390m² of flooring per pack with a dividing strip between the planks to avoid scratch damage to the surface of the board during transport.

Delivery and lead times

Pallet orders are delivered on 3 to 4 days lead time from receipt of order subject to availability.

Note:

Blue Evolution reserves the right to change the above information at any time. Products are sold subject to mill availability. No consequential liability is accepted by Blue Evolution whatsoever resulting from the information contained in this document.