



Highland Oak

The touch of European Oak

www.highlandoak.com.au



Pearl Dusk
1900mm x 190mm x 14mm



White Dove (Cover Image)
1900mm x 190mm x 14mm

Introducing: Highland Oak

An Oak timber floor
that you will love as
much as we loved
creating it.

The very first inspiration of designing a floor that customers will fall in love with, is choosing the correct trees. That is to say, Highland Oak uses only the finest grades of European Oak from licensed, managed plantation forests. Then, skilled selection of logs allows for a beautiful grain and consistency of colouring and surface finishing. Old world techniques such as hand scraping, wire brushing, raised knots and chiselling are engaged. Finally, choosing an alluring, enduring colour pallet is the final step in the artistic part of the design process.

Decades of timber knowledge and experience have afforded Highland Oak market leading technology relating to board construction, environmental friendliness and unique visual finishes.

From the stringent milling processes using the most advanced mills available, to the QC and inspection teams committed to every stage of the production process, each and every single board of Highland Oak is individually cared for.

The technology that goes into the adhesives and coatings that far surpass European and Australian VOC requirements are world leading. The stained colours, which include reactive stains, capture the light in a natural subtle way or allowing the warm grey and natural tones of the timber to be highlight. Smoking and fuming of the timber collectively enhance the natural beauty of the growth rings and bring out a depth of colours that no other timber floor can offer.





Nutmeg
1900mm x 190mm x 14mm

Colour Range



1900mm x 190mm x 14/3mm



2200mm x 220mm x 20/6mm



Ibis White



White Dove



Almond



Urban Pearl



Pearl Dusk



Chantilly



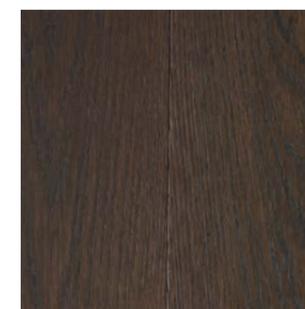
Alpine



Nutmeg



Pistachio



Flaux



3234
1860mm x 190mm x 12mm

Colour Range



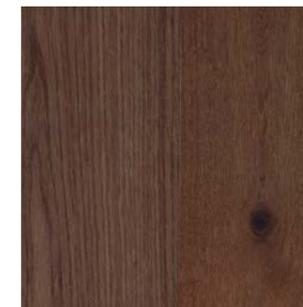
1860mm x 190mm x 12/2mm



3187



3234



3369



3471



3521

6.5
Janka
Rating

The Highland Oak hardwood range offers the highest quality and strength with a generous choice of 15 unique colours. Available in:
1860 x 190 x 12/2mm
1900 x 190 x 14/3mm
2200 x 220 x 20/6mm



Warranties & Test Reports

Highland Oak is synonymous with quality and our passion is to create superior quality flooring that meets all international Quality Control Standards up to and including ISO 9239-1:2002. Highland Oak offers a Lifetime Structural Warranty, 20 year Domestic Wear Warranty and a 10 Year Commercial Wear Warranty, ensuring you will enjoy your floor for many years to come.

Highland Oak has proven test certificates that cover fire, dry slip, wet slip and emission testing.

The Highland Oak hardwood range offers the highest quality and strength with a generous choice of 10 colours in 20/6 and 14/3 also another 5 colours in 12/2 with 8 coats of German UV Lacquer.

Highland Oak exceeds Australian Standards for fire, slip and VOC because of the exquisite selection and partnership of manufacturing processes and compounds from the world's leading suppliers such as German Klumpp Coatings, European Dynea Adhesives, European Oak from managed forests and a hardwood Havea core.



Due to the way we manufacture flooring using only the best raw materials our industry offers our flooring advantages are because we use European Oak from managed forests, German Klump coating, Hardwood Core, European Dynea Glue and this is how we achieve outstanding results to exceed Australian Standards in areas of fire tests, slip tests and VOC tests (Volatile Organic Compounds)

Visit our website for full warranty details www.highlandoak.com.au





Urban Pearl
1900mm x 190mm x 14mm

Highland Oak features a new 5Gc locking system that's easier to install

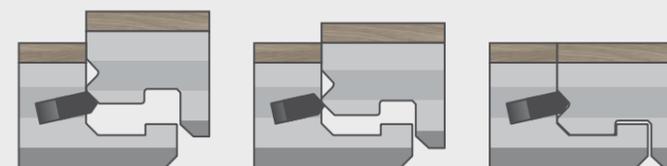
Strong and robust locking is ensured by an optimised profile and a glass fibre reinforced tongue on the short side of the board.

Considerable time saving can be achieved when installing flooring equipped with 5Gc Fold Down in comparison with traditional locking systems such as tongue & groove.

When a board is folded down, a flexible plastic tongue is pushed into a tongue-groove. When it reaches its final position, the locking tongue snaps out into a wedge groove, emits a "click" sound and locks the product vertically.

The advanced bristle tongue used in Välinge's vertical snap systems (5Gc) consists of a rigid outer part and several flexible inner protrusions. It creates strong pretension locking and enables it to overcome production tolerances. The special design of the locking profile combined with the high performance glass fibre reinforced plastic tongue offers superior function during climate changes and forces applied to the floor.

Easy installation with a 5Gc locking system



5Gc Advantages

- 1 Easy and quick installation
- 2 Significantly reduced installation times
- 3 The joints will have greater strength over time
- 4 Can be used immediately
- 5 No messy glue needed
- 6 No nailing required



3
Layered
Construction

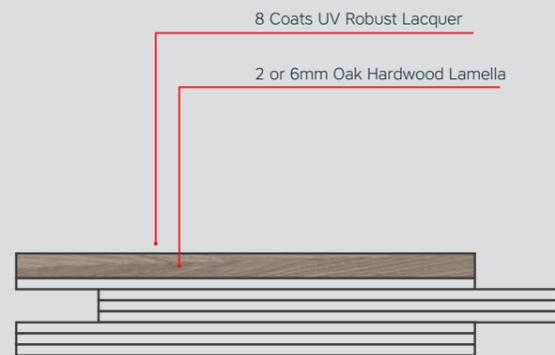
Highland Oak hardwood floor

Highland Oak 20/6 & 12/2 comes in a multi-ply core of Eucalyptus hardwood layers with a Tongue & Groove joining system making it an ideal product for direct stick installation.

While the 14/3 series is also made of a hardwood core in a 3 layer construction with Välinge's most advanced 5Gc locking system, making it the most efficient way to install an engineered floor today.

Highland Oak made sure that dimensional stability was maintained for Australia's harsh environment with the use of hardwood material for its core, this then balances the top layer (Lamella) and the core together, so when the floor experiences extreme fluctuations in humidity within the home the floor would then display minimal movement to any new environmental condition.

Tongue & Groove



5Gc





Pistachio
1900mm x 190mm x 14mm

KLUMPP Products

Hydro UV Primer and High Solid Primer, creates an outstanding bond between the substrate and the coating layer.

Anti-Abrasive Primers which bring about major improvements in abrasive strength.

Anti-Scratch UV Finishing based on Nanotechnology, with outstanding properties counteracting surface scratches.

Hydrophobing Agents that impregnate the lamella joints and ends of the panels offering optimal protection from water ingress.

Bonding Adhesive for coating pre-finished UV parquet surfaces for repair work: and good adhesion from completely cured UV surfaces (even anti-scratch) without requiring sanding.

KLUMPP Environmental Certificate

- Sweat and saliva resistance according to DIN 53160-1/2
- No cancer producing compounds
- REACH* approved raw materials
- ECO approved coating system



KLUMPP Coating Technique

Highland Oak provides its customers with a floor that protects families and addresses environmental issues of today for the future.

Highland Oak's vision is to provide its customers with the perfect surface. What you see is merely the tip of the iceberg of a skilful and technologically advanced process. However, it lies right at the end of Highland Oak's value chain - our knowledge and partnerships with world leading suppliers.

To produce a quality, perfect finish we need to start with the material being applied to the raw board and there is only one company that we place our faith and reputation in: KLUMPP.

Four generations stand for experience, quality and continuity.

KLUMPP Coatings add true value to our flooring surface, with the development of high quality and innovative coating systems for timber flooring today.

Once again we deliver results focusing on providing a gain for the consumer by meeting stringent tests to achieve coatings which are friendly for you the customer and our environment.

KLUMPP technology and leadership lies in the use today of e.g. Hydro UV Primer or Anti-Scratch UV Finishing.

KLUMPP can confirm that their products are free of hazardous materials such as formaldehyde and heavy metals and meet the strict requirements of the EN71 Part 3.



* REACH (Registration, Evaluation, Authorisation and restriction of Chemicals substances)



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Distributor: