



BOARD SPECIFICATIONS P46

BOARD CONSTRUCTION P48









THE BUILT ENVIRONMENT OUR CONTRIBUTION

SINCE 1925

Australian owned and operated, Embelton has extensive experience in the manufacture, supply and installation of soft and hard floor coverings. With a wide product selection available throughout our national warehouse network, Embelton is a supplier of choice to Tier 1 Builders.

Embelton's knowledge and experience brings together a bespoke and practical solution to all projects through a wide selection of timber, parquetry, bamboo, carpet, rugs, vinyl and hybrid flooring.

SUPPLY & INSTALL

Embelton has extensive experience in the manufacture, supply and installation of all soft and hard floor coverings.

Employing hundreds of contractors across seven capital cities, Embelton's installation division works with builders and developers across Australia to install flooring supplied by Embelton and other manufactures. Floor preparation and installation services are provided across a variety of project types, including multi-storey residential, office, health care, education, retail and commercial spaces.

With over 95 years of experience, Embelton is the only National supply and installation Company in Australia.

Why is this important for builders and developers?

- One stop shop from architectural specification through to finished installation.
- One stop shop for warranties related to floor coverings.
- Ability to negotiate commercial relationships across multiple projects around Australia.
- Ability to implement exclusive flooring programs across multiple properties.
- Market leading rates.





FLOORING PORTFOLIO

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ENGINEERED AUSTRALIAN TIMBER

Create an elegant and contemporary interior with the rich colours and individual splendour of our Engineered Australian Species collection. From the splendid variation of Spotted Gum, to the sun filled blondes of Blackbutt, our premium quality timbers are carefully selected to ensure your floor will be a showpiece for years to come. Pairing your choice of either Smooth Gloss, Smooth Matte, and Matte Brushed finish with a square edged profile creates a sleek, timeless look that brings out the unique character of each board.

- 10 Year Commercial Warranty
- 3mm Australian Timber Veneer
- T&G or 5G Locking System.
- Square Edge Profile
- Installation Method; Direct Stick or Floating
- Slip Resistance: P3
- Fire Rating: 4.2kW/m²
- Janka Rating: 6-1

- 10 x 8m Maximum Floating Raft Size without internal expansion
- 12 x 12m Maximum Direct Stick Raf Size, without internal expansion
- Available in a Variety of Finishes;
 Smooth Gloss, Smooth Matte and
 Matte Brushed
- Multiple Specifications
- Short Board and Wide Board Options

Fimber is a natural material and variations in colour, texture and other naturally occurring features may feature between boards and batches of the same species.

Timber flooring, whilst dried during production, continues to take up and give up moisture during its life, depending on weather, aspect and local conditions. In so doing, some movement and changes to the surface of your floor are to be expected and will be apparent. This is normal and may include fine cracks on and between boards and changes in colour. Embelton Engineered Australian Timber will contain 2 nested lengths per pack

ENGINEERED AUSTRALIAN TIMBER

SPECIFICATIONS

1820/2100 x 136 x 14/3mm 1820/2100 x 180 x 14/3mm



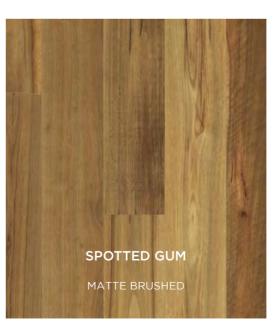
BLACKBUTT

MATTE BRUSHED















ENGINEERED EUROPEAN OAK

Embelton has created a stunning oak colour palette in both classic and contemporary tones. A micro-bevel and matte brushed textured finish showcase the classic grain and texture for which oak is renowned and combine perfectly with a wideboard format to create a luxurious and timeless range of flooring.

- 10 Year Commercial Warranty
- FSC® certified
- Sustainably sourced oak from certified forests
- 2.5/3/4mm European Oak Veneer
- T&G or 5G Locking System
- Micro-Bevel Profile
- Installation Method; Direct Stick or Floating
- Exceptional durability due to 7 layers of Colour and UV Scratch Resistant Coating

- 10 x 8m Maximum Floating Raft Size, without internal expansion
- 12 x 12m Maximum Direct Stick Raft Size, without internal expansion
- Matte Brushed Finish
- Wideboard Format
- Short Board and Wide Board Options
- Janka Rating: 6
- Fire Rating: 4.2kW/m²
- Slip Resistance: P3

Timber is a natural material and variations in colour, texture and other naturally occurring features may feature between boards and batches of the same species.

local conditions. In doing so, some movement and changes to take up and give up moisture during its life, depending on weatner, aspect and local conditions. In doing so, some movement and changes to the surface of your floor are to be expected and will be apparent. This is normal and may include fine cracks on and between boards and changes in colour. Embelton Engineered European Oak will contain 2 nested lengths per pack unless otherwise specified.

ENGINEERED EUROPEAN OAK LIGHT TONES

SPECIFICATIONS

1860 x 189 x 14/3mm 2200 x 220 x 15/4mm

























Colours available for project orders only.

ENGINEERED EUROPEAN OAK

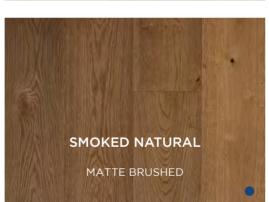
NEUTRAL & DARK TONES

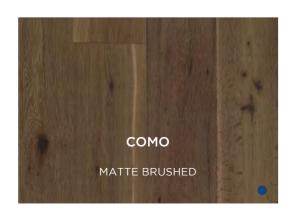
SPECIFICATIONS

1860 x 189 x 14/3mm 2200 x 220 x 15/4mm





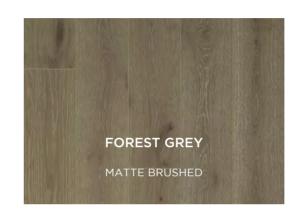




FAWN

MATTE BRUSHED

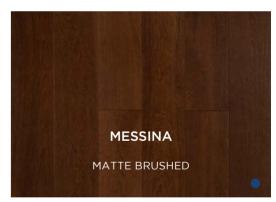














ENGINEERED EUROPEAN OAK

1900 x 152 x 12/1.5mm















PARQUETRY





CHEVRON760 x 150 x 14/3mm

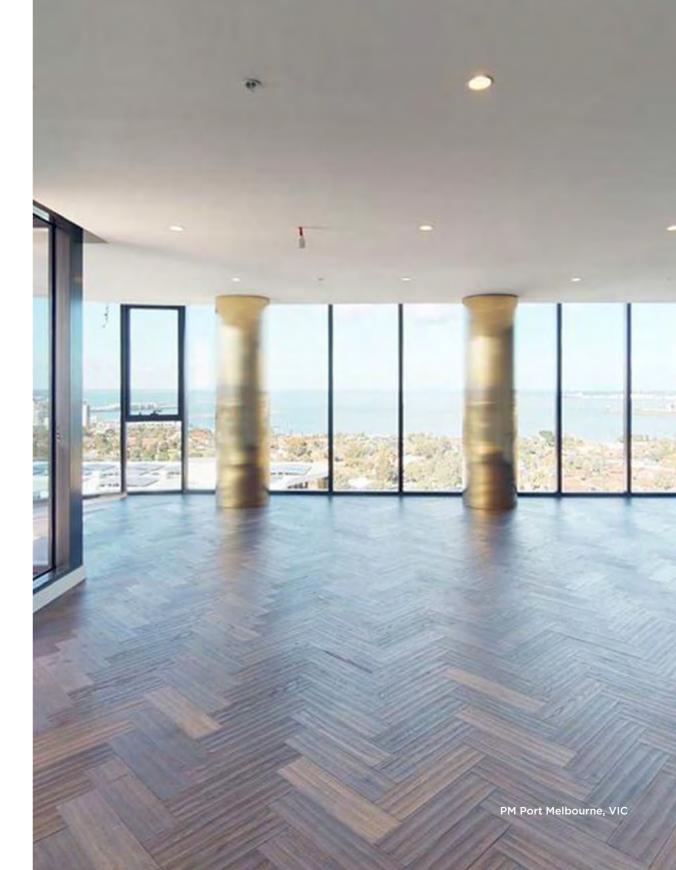
Available in all Engineered Australian Timber and European Oak Colours.





HERRINGBONE600 x 120 x 14/3mm

Available in all Engineered Australian Timber and European Oak Colours.





TIMBER HYBRID

A revolutionary range of flooring that is affordable while giving the luxurious look and feel of timber. Compared to other hybrid choices, our Timber Veneer SPC features the unique character of genuine Australian Timber and European Oak while maintaining its strength and durability. Finished with a water resistant sealant and treated with scratch-resistant technology, Embelton's Timber Hybrid floor will maintain its style and finish for years to come. The pre-attached underlay assists in reducing footfall noise and adds comfort, making it the perfect choice for high traffic communial areas, education facilities and hospitality venues.

- 10 Year Commercial Warranty
- 100% Waterproof
- 1.5mm Underlay Attached
- Licensed Locking System
- Micro-Bevel Profile
- Slip Resistance: P3
- Fire Rating: Class 1
- Suitable for Residential and Commercial Spaces eg. Schools and Hospitality

- 15 x 30m Maximum Floating Raft Size, without internal expansion
- 8 Fashionable Colours
- Textured Matte Finish
- Emissions Test: E1
- Acoustic Test: LnTw 53

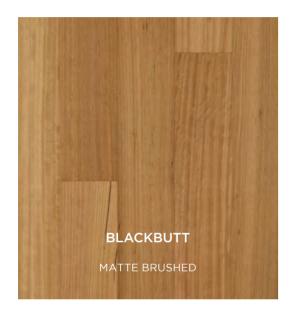
Timber is a natural material and variations in colour, texture and other naturally occurring features may feature between boards and batches of the same species.

Imber flooring, whilst dried during production, continues to take up and give up moisture during its life, depending on weather, aspect and local conditions. In doing so, some movement and changes to the surface of your floor are to be expected and will be apparent. This is normal and may include fine cracks on and between boards and changes in colour. Embelton Timber Hybrid will contain 40% nested lengths per pack unless otherwise specified.

TIMBER HYBRID 7.5MM

SPECIFICATIONS

Australian Species: 1830 x 136 x 7.5mm European Oak: 1830 x 190 x 7.5mm



















AQUA-TUF 8MM HYBRID

Embelton's Aqua-Tuf 8mm Hybrid colour range encompasses classic Australian timbers and authentic Oak stains, while the textured matte finish feels like real timber. Utilising cutting edge manufacturing technology, the surface layer of each board is finished with a protective film embossed with a textured grain, admired by architects and designers alike.

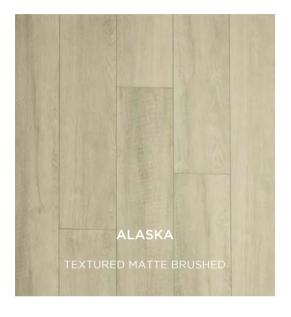
- 10 Year Commercial Warranty
- 100% Waterproof
- 1.5mm Underlay Attached
- Licensed Locking System
- Micro-Bevel Profile
- Slip Resistance: P3
- Fire Rating: Class?
- Suitable for Residential & Aged Care

- 12 x 12m Maximum Floating Raft Size, without internal expansion
- · Fashionable Colours
- Multiple Specifications
- Textured Matte Finish
- Emissions Test: E0
- Acoustic Test: LnTw 53

AQUA-TUF 8MM

SPECIFICATIONS

1760 x 190 x 8mm



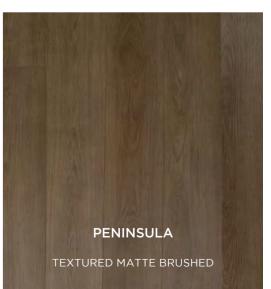
















ATLANTIS 5.5MM HYBRID

Atlantis offers a stable and reliable flooring option to suit any budget. This 100% waterproof hybrid flooring, is a great alternative to laminate or vinyl. The shorter and narrower boards enable more picture variations for a realistic timber aesthetic and with a maximum raft size allowance of 15m x 30m Atlantis is prefect for all large commercial spaces such as schools and hospitality.

- 10 Year Commercial Warranty
- 100% Waterproof
- 1.5mm Underlay Attached
- Licensed Locking System
- Micro-Bevel Profile
- Slip Resistance: P3
- Fire Rating: Class 1
- Suitable for Residential and Commercial Spaces eg. Schools and Hospitality

- 15 x 30m Maximum Floating Raft Size, without internal expansion
- 8 Fashionable Colours
- Textured Matte Finish
- Emissions Test: E1
- Acoustic Test: LnTw 53

ATLANTIS 5.5MM

SPECIFICATIONS

1220 x 182 x 5.5mm















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GENESIS LUXURY VINYL PLANK

Embelton's Genesis range provides quality flooring at a modest price. Scratch resistant, waterproof flooring that lasts and lasts, while still providing the look of a timber style floor. Our luxury vinyl tiles can be laid over most existing floors, including tiles.

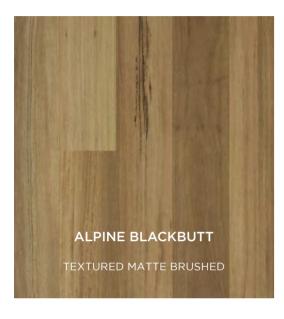
- 10 Year Commercial Warranty
- 100% Waterproof
- Square Edge Profile

- 6 Fashionable Colours
- Textured Matte Finish

GENESIS VINYL 2.5MM / 5MM

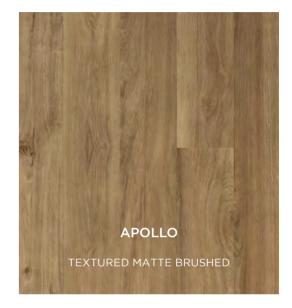
SPECIFICATIONS

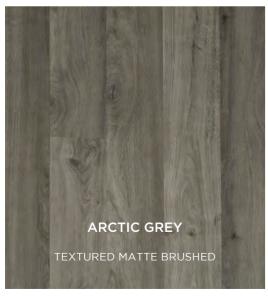
1219 x 152 x 2.5mm 1500 x 230 x 5mm















Request for Samples

Our in-house sampling service is designed to help you find the perfect floor for your project. Whether you require your sample library to be replenished or custom samples, please contact us on 1800 889 181.

TRIMS & ACCESSORIES

Due to various ambient conditions such as humidity, temperature, and moisture ingress, all flooring materials experience a continuous process of expansion and contraction.

To ensure ongoing floor performance, expansion gaps must be left around the perimeter of the room to accommodate natural movement of the flooring.

Embelton flooring accessories are designed to bridge this gap and provide a stylish finish to any flooring project.

Our Scotia is constructed from high quality moisture resistant MDF and is available in a variety of vinyl wrapped colours to match timber, hybrid, bamboo and laminate flooring ranges in the market.

Our Aluminium Trims are available in a variety of profiles and vinyl wrapped colours to match the Scotia range with additional anodized finishes for a high end look.

Scotia available in 25 vinyl wrap colours to suit our range. All Metal trims available in 5 anodized colours.





EXTRA JUNIOR END 3400 x 19 x 6.5mm



3400 x 19 x 8.3mm



3400 x 19 x 12.3mm



3400 x 19 x 14.5mm

SENIOR END



3400 x 45mm



3400 x 45mm



SCOTIA 2400 x 19 x 19mm



COVER TOP

NOSING Made To Match All Timber & Hybrid Floors

MULTI ANGLE

3400 x 19 x 7mm



GRADING AND WOOD CHARACTERISTICS

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GRADING DEFINITIONS

Timber grading is an important consideration to be taken when setting client expectations and designing the overall look and feel of the finished product. As there is no universal grading standards, Embelton typically works with the grade classification categories A, B, C, D and Rustic Grade.

Please remember that boards are usually selected by eye and that these parameters are simply a guideline. Also as timber is a natural product, colour variation is not graded.



A GRADE SAMPLE

A sample of A Grade Embelton European Oak will be Typically AB Grade has a few, if any filled knots no free of all knotting, checking, decay, wormholes and sapwood. Therefore giving the appearance of clean minimal amount of shadowing. Where filler is used timber boards with minimal feature.

AB GRADE SAMPLE

greater than 20mm in diameter. There will also be a its colour is carefully selected to complement the wood rather than an exact match. Additionally all AB boards will be free of decay, checking, wormholes and sapwood.



ABC GRADE SAMPLE

ABC Grade boards will feature multiple filled knots greater than 20mm in diameter, considerable shadowing and colour variation. Minimal surface checking, decay, filled pin holes and sapwood are also featured. The colour of filler used will be carefully selected to compliment the timber rather than match exactly, and may vary from batch to batch.



ABCD GRADE SAMPLE

Typically ABCD Grade allows a limitless number of filled holes over 40mm. Checking, sapwood, worm holes and filled pinholes will also feature throughtout

BOARD SPECIFICATIONS

Embelton produce the European Oak and Engineered Australian Timber in a variety of board dimensions that is tailored to suit the typical floor layout of Australian homes and commercial spaces. Having a board that is not proportioned to the space will create an unbalanced feel and may overcrowd a room or area.

Australian Species

- 1820/2100 x 136 x 14/3mm
- 1820/2100 x 180 x 14/3mm

European Oak

- 1900 x 150 x 12/2.5mm
- 1860 x 189 x 14/3mm
- 2200 x 220 x 15/4mm

Parquetry

- Chevron 760 x 150 x 14/3mm
- Herringbone 600 x 120 x 14/3mm

SMOKING & STAINING







SINGLE SMOKED

SMOKED & STAINED

STAINED

During production, coatings are rolled onto the boards to give a uniform finish. European Oak colours can then be dual stained to achieve a multi-tone look within the grain. Smoking the timber during production occurs when the lamella timber is exposed to ammonia gas for 24 (single) hours. Unlike staining, the colouration of smoked timber will vary for board to board.

SURFACE FINISHES







SMOOTH GLOSS

SMOOTH MATTE

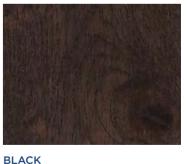
MATTE WIREBRUSHED

Embelton offers a range of surface finishes to suit any project. Whether your design seeks for a sleek timeless look of Smooth Gloss, to a more modern finish of Smooth Matte the unique character of each board will be pronounced. For a more contemporary option the tactile feel of a Wirebrushed finish showcases that natural classic grain and texture of which Oak and Australian Timber is renowned.

KNOTS & FILLERS







BROWN

filled in a colour that complements the timber as shown above.

A knot is either the base or a side branch or a dormant bud around which the grain flows. A knot is then

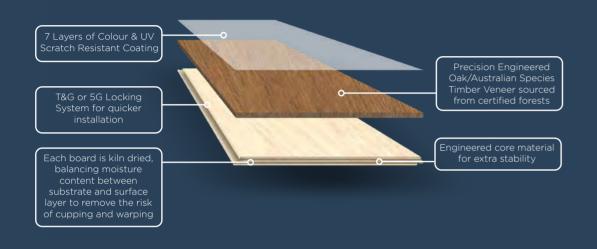
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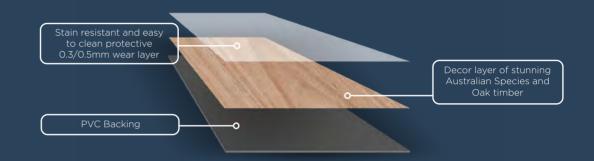
GREY

BOARD CONSTRUCTION

AUSTRALIAN TIMBER & EUROPEAN OAK

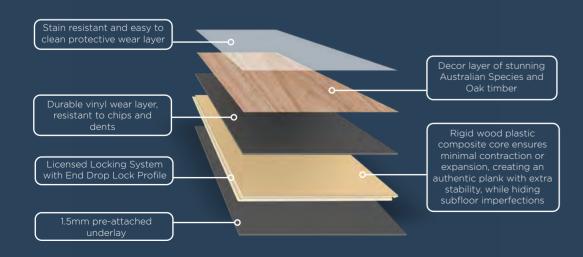
GENESIS 2.5/5MM VINYL

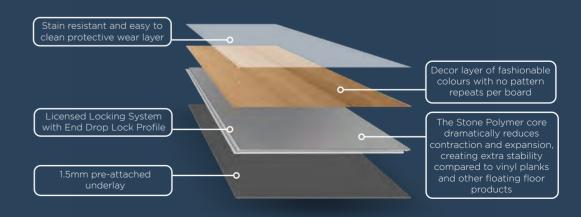




AQUA-TUF 8MM HYBRID

ATLANTIS 5.5MM HYBRID







INSTALLATION METHODS

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NOTE: A minimum 10mm gap must be allowed at all perimeters where the flooring meets a hard junction or transition to another floor type.

No joinery is to be installed or fixed to a floating floor as it will pin the floor and will not allow natural movement. Therefore boards are to be cut around joinery.

UNDERLAY



HUSH PLATINUM

2mm Closed Cell High Density Foam Underlay with 60 Micron Plastic Moisture Barrier

Embelton's Hush Platinum underlay is designed for all floating floor applications in commercial and residential spaces, and complies with the BCA Code for noise transmission and compression strength (45k Pa at 25% compression).



HYDRO STOP

Combining a high quality 2mm closed cell foam underlay with a heavy duty 200um (micron) film to create a highly moisture resistant barrier ideal for combating moisture ingress.



IMPACTAMAT

3/5mm ImpactaMat rubber underlay provides an impact absorbing layer to deaden and reduce transmission of unwanted noise between adjacent applications.

Embelton's ImpactaMat rubber underlay exceeds Australian building requirements and has been carried out in accordance to the requirements of ISO140-7 and ISO 717-2.

3mm: 1.2 x 1m Sheet 5mm: 1.2 x 1m Sheet

DIRECT STICK SYSTEM

WHAT IS DIRECT STICK?

Direct Stick is a method of installation that refers to the floorboards being glued directly to the concrete or timber substrate. This preferred method enables a premium contemporary clean finish and increases the longevity of the floor, whilst also reducing rebound noise from foot traffic.

BENEFITS OF DIRECT STICK INSTALLATION

- Superior High End Finish
- No finishing trims required
- Install beneath joinery
- Less natural movement
- Larger raft size

- Install at any stage of the build
- Sand & recoat
- Immediately walk on once laid
- Caulked expansion gaps around cabinetry
- Quieter underfoot

COMMON PROBLEMS WITH FLOATING FLOORS

Potential for

- Uncontrolled expansion & contraction
- Cupping & Peaking
- Tenting
- Deflection
- Creaking

SCAN QR CODE



Scan to hear the difference between a Floating and Direct Stick floor application.













ULTRASET® 3 IN 1

ADVANCED TRI-LINKING ADHESIVE, MOISTURE CONTROL & SOUND REDUCTION MEMBRANE

- For hardwood applications
- Lifetime warranty for unlimited moisture vapour protection
- Superior sound dampening performance
- Axios tri-linking technology











HOW TO SPECIFY

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SPECIFY EMBELTON

REDUCE RISK AND ADDITIONAL COSTS

With over 50 years experience working with leading architects and Tier 1 builders, Embelton has the experience and knowledge to share with architects, designers and developers. We have created this checklist to ensure that your specification is reflected through to the final product and installation.

	Have You Considered	Check	Notes
1.	The origin of the Timber?		
2.	The grading mix; A, B, C, D or Rustic grade?		
3.	The board dimension and the number of nested lengths?		
4.	The surface finish and staining options?		
5.	The board construction and locking system?		
6.	The type of edge join; micro-bevel or square edge?		
7.	The type of installation and acoustic performance?		
8.	The available transitions and perimeter trims?		
9.	The slip and fire ratings?		
10.	The environmental conditions?		





INSPIRATION

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West Side Place - Stage 1

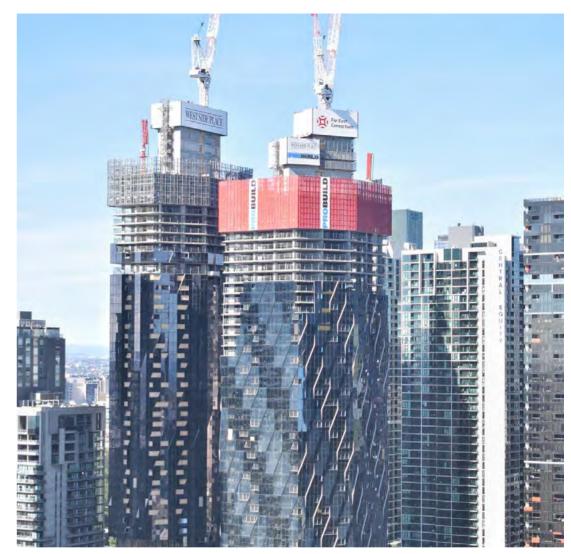
Victoria

Client: Probuild

West Side Place embodies a new height of luxury inner city living surrounded by the finest entertainment, retail and dining offerings of Melbourne's CBD. Embelton worked alongside Probuild to supply and install over 47,000m² of Engineered European oak timber flooring throughout the communal areas and apartments in Tower 2.











Albert Place

Victoria

Client: Crema

Inspired by the world's best luxury hotels, Albert Place Residences has been designed to take you back to a time of opulent elegance, exceptional service and fine tradition. Embelton worked alongside Crema to supply and install over 5,000m² of Engineered European Oak Timber Flooring including Herringbone which was stained onsite.



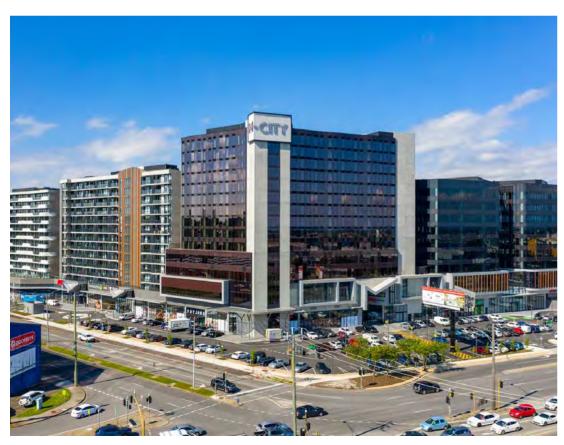




M-City Victoria

Client: Multiplex

M-City is eastern Melbourne's most desirable destination for living, working, dining, entertainment and leisure. Located in the heart of Clayton, M-City Monash is the largest mixed use development in Melbourne. With 3 residential towers, a Park Royal Hotel, upmarket retail and office space this miniature city is a vibrant community, with a diverse offering attracting people from near and far. Embelton worked alongside Multiplex to supply and install over 21,000m² of Vinyl and Engineered European oak timber flooring throughout the apartments and shopping complex.







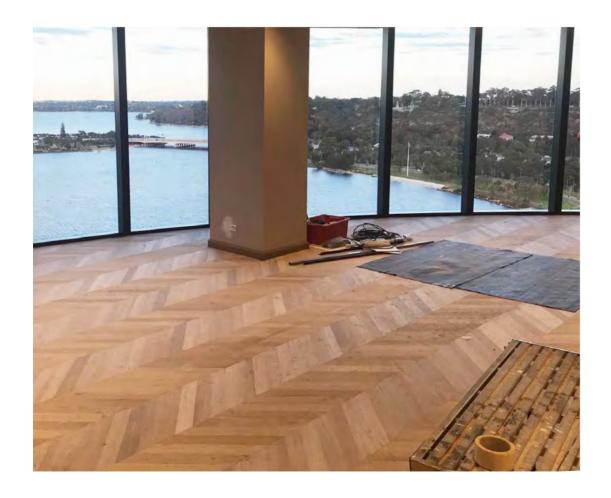


The Towers & Ritz Carlton

Western Australia

Client: Probuild

The two colossal towers take up a significant footprint at the ever-changing Elizabeth Quay precinct. Boasting 204 luxury suites, the six star hotel will include four world-class restaurants and bars, and an open air venue that will be open to the public. Embelton worked alongside Probuild supplying installing 400m² of Raw Engineered Timber in the penthouses and 250m² of Prefinished Engineered Timber in one of its many public bars.







One Sydney Harbour

New South Wales

Client: Lendlease

A stunning addition to Sydney's shimmering skyline, One Sydney Harbour is the final piece in the transformation of the world-class, award winning waterfront precinct, Barangaroo South. One Sydney Harbour has set a new benchmark in luxury living featuring over 20,000m² of Embelton's Engineered European Oak in custom colours.







FV Gurner Valley House

Queensland





Client: Multiplex

Setting a new benchmark for design in Australia, the brief was to provide quality timber flooring to compliment the external and internal colour pallet of silver-greys and gold tones. Embelton successfully fulfilled the brief supplying and installing over 16,000m² of Engineered European Oak.



QUALITY POLICY & MANAGEMENT SYSTEMS

Embelton is committed to delivering high quality and innovative products and services that meet our clients' requirements and agreed expectations.

This commitment means that Embelton will endeavour to:

- Develop, maintain and continually improve our quality management system and processes in accordance with the requirements of ISO9001.
- · Work collaboratively with our clients to ensure that we monitor and act upon their feedback.
- Establish, evaluate and act upon quality objectives and performance metrics to enable a culture of continual improvement.
- Monitor and comply with applicable statutory obligations applicable to the products and services that we provide.
- Identify, assess and control quality related risks to ensure product reliability and continuity of supply.
- Develop our people to improve skills, awareness and knowledge of best practices.
- Ensure that our people are empowered and equipped with the relevant resources to enable effective fulfillment of their roles.

Delivering high quality products and services in an efficient, effective and innovative manner is essential to the success of Embelton. All employees are committed to conducting their work in a manner that is consistent with the requirements of this policy.

CERTIFICATIONS







SEFC

Certificate of Origin

FSC

Forest Certification Chain of Custody

Certified Product Testina



VOC

Emissions Testing



ISO 9001

Quality Management System





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