TIMBER FLOORING

Moda

Combining the grace of nature and the precision of modern innovation. Embracing the natural elegance of timber to create a durable foundation for living.

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RESPONSIBILITY AND DISCLAIMER

Important Information - Read before specifying.

This Specification Sheet is provided as a general reference to assist architects, engineers and other building professionals. It has been developed based on the testing conducted by Forté on the Forté Timber Overlay Flooring System and the knowledge and consideration of the current construction practises being followed in the industry. It is not an exhaustive specification.

The specifier (or other party responsible for the project) must:

— Verify that the Forté Timber Overlay Flooring System is suitable for the intended use and site conditions.

— Ensure the final design complies with the New Zealand Building Code (NZBC), CodeMark certificate and all other applicable laws and standards.

— Complete any additional detailing required for aspects outside the scope of this guide. Advice on this is available from Forté.

Failure to comply with the above, or to use the most up-to-date technical literature, may compromise the Timber Overlay Flooring System performance, breach statutory obligations and void the Forté product warranty.

Responsibility for the design lies with the specifier or responsible party for the project to ensure the final design meets the requirements of the intended application and the New Zealand Building Code (NZBC).

Limitation of Liability

Except for the express terms of any written Forté warranty that cannot be excluded by law, Forté disclaims all warranties, conditions and liabilities (whether direct, indirect, consequential or otherwise) arising from the use of, or reliance on, this document. To the maximum extent permitted by law, Forté is not liable for loss, damage or injury whatsoever resulting from such use or reliance. Independent professional advice should be obtained for any design matters not expressly covered here.

OVERVIEW

Designated Building Product: Class 1

DECLARATION	Forté has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product Use Limitations

The Forté Timber Overlay Flooring System as per the Installation Guide is designed for use as non-structural overlay flooring inside residential and commercial buildings.

For more information on limitations of use, please refer to 'Section 1. Scope of Use' in the Forte Timber Overlay Flooring System Design Guide.

Relevant Guides and Manuals

Design Guide

Installation Guide

Care and Maintenance Guide

All Resources

Relevant NZBC Clauses

CLAUSE B2 DURABILITY	Performance Clauses B2.3.1(c)
CLAUSE C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE	Performance Clauses C3.4(b)
CLAUSE D1 ACCESS ROUTES	Performance Clauses D1.3.3(d)
CLAUSE E3 INTERNAL MOISTURE	Performance Clauses E3.3.3, E3.3.5, E3.3.6
CLAUSE F2 HAZARDOUS BUILDING MATERIALS	Performance Clauses F2.3.1

Compliance Statement

The Forté Timber Overlay Flooring System is prefinished timber overlay flooring supplied in planks of 12mm-21mm in thicknesses, 190mm-260mm in widths and 1830mm-2500mm in lengths, depending on the "Collection" type, and adhered to an appropriate structural floor substrate. For more information, please refer to our CodeMark Product Certificate and Timber Overlay Flooring System PASS Certificate.

Warning or Ban (Building Act 2004 section 26)

Not applicable

Manufacturer & Importer

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New Zealand

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www.forte.co.nz

NZBN: 9429037322212

SPECIFICATIONS

Construction

CONSTRUCTION	Multilayer Engineered
WEAR LAYER	4mm Solid European Oak
CORE	Plywood
JOINT PROFILE	Tongue & Groove
RE-SANDS*	Up to 3

* Approximately 1mm removed per re-sand

Technical Specifications

WEAR LAYER DENSITY	670 - 790kg/m^3
REACTION TO FIRE	**Flooring** ZBC C/VM 2 Critical Radiant Flux – Compliant Critical Flux 2.2kw/m^2 (or above) **Walls & Ceilings ISO 9705** Group 3 / Class Dfl-s1 (Group 1 can be achieved with intumescent coating)
THERMAL CONDUCTIVITY / RESISTANCE	0.11 W/mk
SLIP RATING	49 SRV / 0.60 COF – P4 Classification W
FORMALDEYHDE EMISSION AS/NZS 2098.11	E0 (0.1mg/L)

Characteristics

SURFACE TEXTURE	Brushed
SURFACE FINISH TYPE	Prefinished UV Cured NatureMatte Lacquer
SURFACE SHEEN LEVEL	Extra Matte

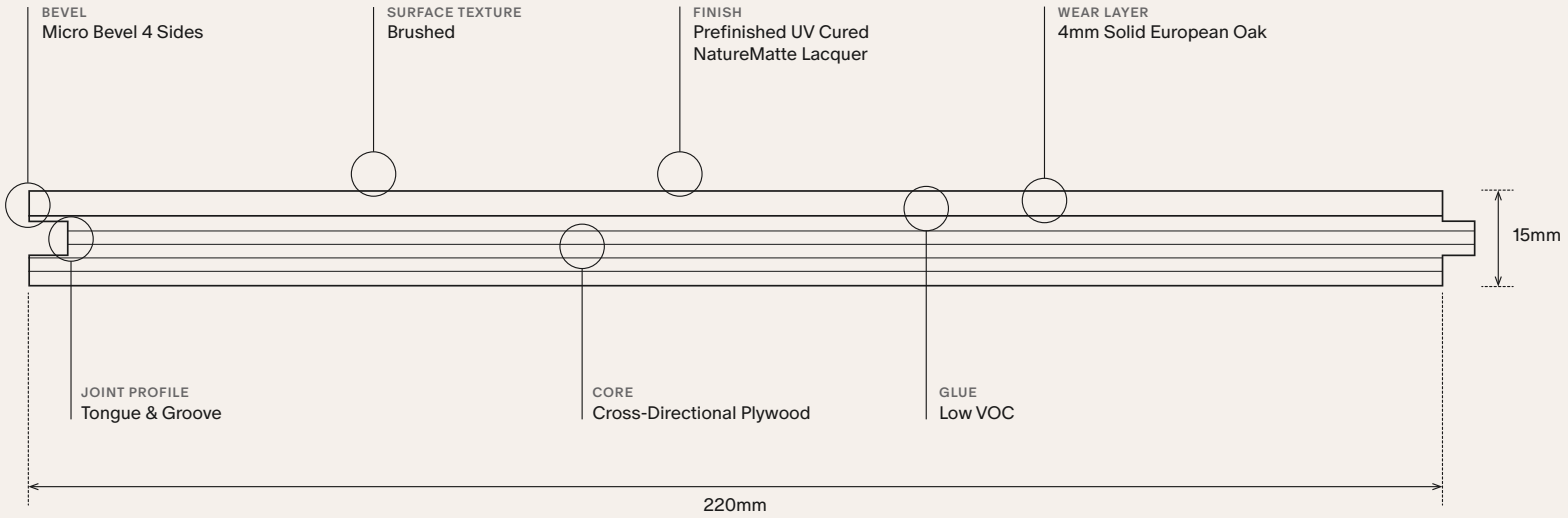
Accreditations

SUSTAINABILITY	Sustainably Sourced
E3 APPROVED	Yes
CODEMARK CERTIFIED	CodeMark Certification CMNZ70143
BPIR COMPLIANT	Yes

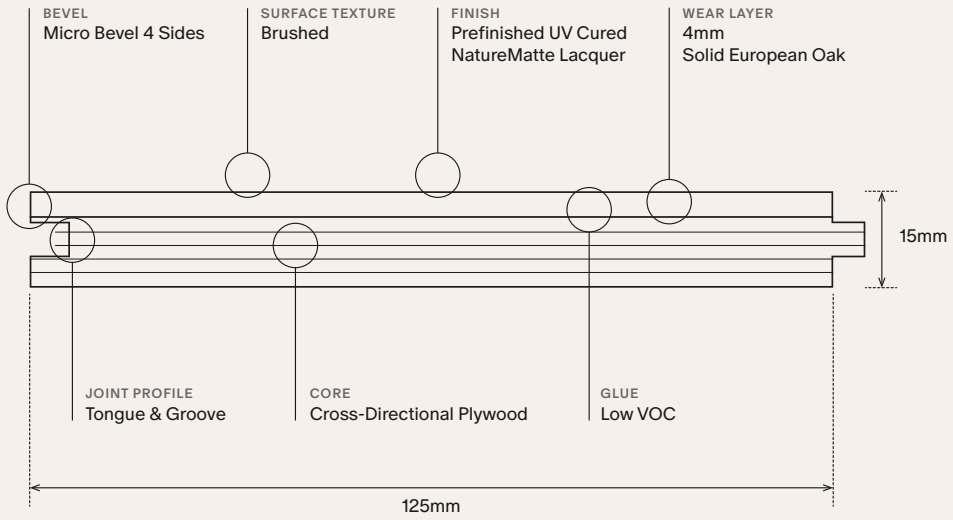
PACK INFORMATION

FORMAT	PIECES PER PACK	% OF SHORTS	M2 PER UNIT	UNIT WEIGHT
Plank	4 Full + 2 Split or 5 Full + 1 Split	Up to 25%	2.904m^2	31.5kg
Herringbone	8 x Left and 8 x Right	–	1.25m^2	13.56kg
Chevron	8 x Left and 8 x Right	–	1.152m^2	13.1kg
Stair Nosing – Standard Bull Nose, Flush & Premium	1 x 2200mm Length	–	–	–
Stair Nosing – Accessible	1 x 2180mm Length	–	–	–

PLANK PROFILE



HERRINGBONE & CHEVRON PROFILE



STAIR NOSING PROFILES

STANDARD NOSING – BULL NOSE



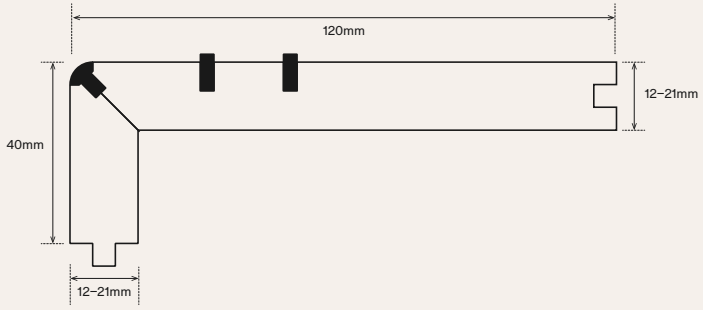
STANDARD NOSING – FLUSH



PREMIUM NOSING



ACCESSIBLE NOSING



COLOURS



CAPRI



SORRENTO



PALERMO



MONDELLO



VERONA



FLORENCE



TUSCANY



ISOLA



ELBA



DOLCEDO

PRODUCT SPECIFICATIONS

COLOUR	FORMAT	GRADE	CODE	DIMENSIONS (MM)	WEAR LAYER SPECIES	COLOUR VARIATION	FILLER COLOUR
Capri	Plank	Feature	MOD-CAFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Plank	Light Feature	MOD-CALFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Herringbone	Light Feature	MOD-CALFH	15/4 x 125 x 625	European Oak	Moderate	Charcoal
	Chevron	Light Feature	MOD-CALFC	15/4 x 120 x 600	European Oak	Moderate	Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODC-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Standard Nosing – Flush	Feature	SN-MODC-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Premium Nosing	Feature	SN-MODC-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Accessible Nosing	Feature	SN-MODC-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Charcoal
Dolcedo	Plank	Feature	MOD-DFP220	15/4 x 220 x 2200	European Oak	Subtle	Charcoal
	Herringbone	Light Feature	MOD-DLFH	15/4 x 125 x 625	European Oak	Subtle	Charcoal
	Chevron	Light Feature	MOD-DLFC	15/4 x 120 x 600	European Oak	Subtle	Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODD-B	15/4 x 40 x 120 x 2200	European Oak	Subtle	Charcoal
	Standard Nosing – Flush	Feature	SN-MODD-F	15/4 x 40 x 120 x 2200	European Oak	Subtle	Charcoal
	Premium Nosing	Feature	SN-MODD-P	15/4 x 40 x 120 x 2200	European Oak	Subtle	Charcoal
	Accessible Nosing	Feature	SN-MODD-A	15/4 x 40 x 120 x 2180	European Oak	Subtle	Charcoal

COLOUR	FORMAT	GRADE	CODE	DIMENSIONS (MM)	WEAR LAYER SPECIES	COLOUR VARIATION	FILLER COLOUR
Elba	Plank	Feature	MOD-EFP220	15/4 x 220 x 2200	European Oak	Moderate	Natural / Charcoal
	Herringbone	Light Feature	MOD-ELFH	15/4 x 125 x 625	European Oak	Moderate	Natural / Charcoal
	Chevron	Light Feature	MOD-ELFC	15/4 x 120 x 600	European Oak	Moderate	Natural / Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODE-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Natural / Charcoal
	Standard Nosing – Flush	Feature	SN-MODE-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Natural / Charcoal
	Premium Nosing	Feature	SN-MODE-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Natural / Charcoal
	Accessible Nosing	Feature	SN-MODE-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Natural / Charcoal
Florence	Plank	Feature	MOD-FFP220	15/4 x 220 x 2200	European Oak	Moderate	Natural / Dark Brown
	Herringbone	Light Feature	MOD-FLFH	15/4 x 125 x 625	European Oak	Moderate	Natural / Dark Brown
	Chevron	Light Feature	MOD-FLFC	15/4 x 120 x 600	European Oak	Moderate	Natural / Dark Brown
	Standard Nosing – Bull Nose	Feature	SN-MODF-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Natural / Dark Brown
	Standard Nosing – Flush	Feature	SN-MODF-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Natural / Dark Brown
	Premium Nosing	Feature	SN-MODF-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Natural / Dark Brown
	Accessible Nosing	Feature	SN-MODF-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Natural / Dark Brown
Isola	Plank	Feature	MOD-IFP220	15/4 x 220 x 2200	European Oak	Moderate	Brown
	Herringbone	Light Feature	MOD-ILFH	15/4 x 125 x 625	European Oak	Moderate	Brown
	Chevron	Light Feature	MOD-ILFC	15/4 x 120 x 600	European Oak	Moderate	Brown
	Standard Nosing – Bull Nose	Feature	SN-MODI-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Brown
	Standard Nosing – Flush	Feature	SN-MODI-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Brown
	Premium Nosing	Feature	SN-MODI-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Brown
	Accessible Nosing	Feature	SN-MODI-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Brown

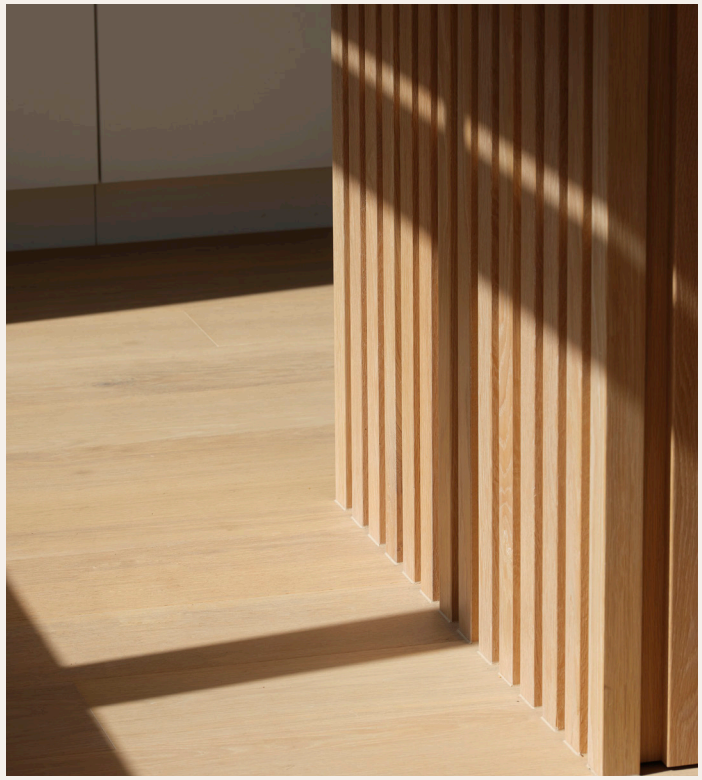
COLOUR	FORMAT	GRADE	CODE	DIMENSIONS (MM)	WEAR LAYER SPECIES	COLOUR VARIATION	FILLER COLOUR
Mondello	Plank	Feature	MOD-MFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Plank	Light Feature	MOD-MLFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Herringbone	Light Feature	MOD-MLFH	15/4 x 125 x 625	European Oak	Moderate	Charcoal
	Chevron	Light Feature	MOD-MLFC	15/4 x 120 x 600	European Oak	Moderate	Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODM-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Standard Nosing – Flush	Feature	SN-MODM-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Premium Nosing	Feature	SN-MODM-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Accessible Nosing	Feature	SN-MODM-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Charcoal
Palermo	Plank	Feature	MOD-PFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODP-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Standard Nosing – Flush	Feature	SN-MODP-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Premium Nosing	Feature	SN-MODP-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Accessible Nosing	Feature	SN-MODP-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Charcoal
Sorrento	Plank	Feature	MOD-SFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Plank	Light Feature	MOD-SLFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Herringbone	Light Feature	MOD-SLFH	15/4 x 125 x 625	European Oak	Moderate	Charcoal
	Chevron	Light Feature	MOD-SLFC	15/4 x 120 x 600	European Oak	Moderate	Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODS-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Standard Nosing – Flush	Feature	SN-MODS-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Premium Nosing	Feature	SN-MODS-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Accessible Nosing	Feature	SN-MODS-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Charcoal

COLOUR	FORMAT	GRADE	CODE	DIMENSIONS (MM)	WEAR LAYER SPECIES	COLOUR VARIATION	FILLER COLOUR
Tuscany	Plank	Feature	MOD-TFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Herringbone	Light Feature	MOD-TLFH	15/4 x 125 x 625	European Oak	Moderate	Charcoal
	Chevron	Light Feature	MOD-TLFC	15/4 x 120 x 600	European Oak	Moderate	Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODT-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Standard Nosing – Flush	Feature	SN-MODT-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Premium Nosing	Feature	SN-MODT-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Accessible Nosing	Feature	SN-MODT-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Charcoal
Verona	Plank	Feature	MOD-VFP220	15/4 x 220 x 2200	European Oak	Moderate	Charcoal
	Herringbone	Light Feature	MOD-VLFH	15/4 x 125 x 625	European Oak	Moderate	Charcoal
	Chevron	Light Feature	MOD-VLFC	15/4 x 120 x 600	European Oak	Moderate	Charcoal
	Standard Nosing – Bull Nose	Feature	SN-MODV-B	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Standard Nosing – Flush	Feature	SN-MODV-F	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Premium Nosing	Feature	SN-MODV-P	15/4 x 40 x 120 x 2200	European Oak	Moderate	Charcoal
	Accessible Nosing	Feature	SN-MODV-A	15/4 x 40 x 120 x 2180	European Oak	Moderate	Charcoal

GRADE

Feature

Feature grade timber offers a more expressive display of natural character. Larger knots, some visible cracks, and colour and grain variation bring a sense of warmth and texture to any space. This grade celebrates the timber's natural beauty, making it perfect for adding a statement of organic charm. Features like knots and cracks may be filled with coloured wood filler to create a balanced, polished appearance.



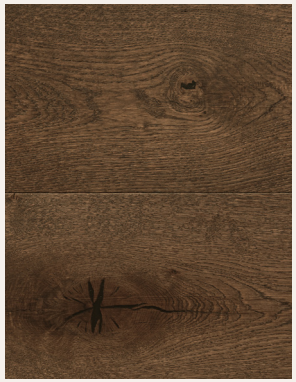




Light Feature

Light feature grade timber introduces a balance between clean aesthetics and natural character. It showcases small to medium knots, natural colour variation and imperfections, bringing a touch more texture and interest. These features offer an authentic reflection of the timber's natural origins without dominating the design. Knots and cracks are often filled with coloured wood filler, providing a smooth finish while retaining the timber's unique charm.







COLOUR VARIATION



Subtle Colour Variation (Darker Colours, Prime and Light Feature Planks)

Darker colours, as well as prime and light feature planks, tend to have less colour variation. This is because the darker stains tend to mask any natural variations, creating a more uniform look across the planks. Prime and light feature planks are generally cleaner, with fewer natural imperfections or markings, making them more consistent in colour once the stain is applied. As a result, the overall appearance presents minimal differences between planks.



Moderate Colour Variation (Standard Natural Timber)

Natural timber products typically exhibit moderate colour variation, which is part of their charm and character. While there may be some variation between planks, it should not be excessive. Some timber products, depending on the colour, will naturally show more variation—particularly lighter or darker tones—but this is normal and enhances the timber's natural appeal.



Pronounced Colour Variation (Smoked and Reactive Stains)

Timber that is smoked or has been finished with a reactive stain display more pronounced colour variation. The stain interacts differently with the timber, often creating a more dramatic contrast between planks. Factors such as the hardness or softness of the timber can also cause it to absorb more or less stain, leading to darker or lighter planks. Additionally, the amount of time the stain is left on the wood can cause more significant colour variation between batches.

CARE & MAINTENANCE

RESIDENTIAL FLOORING

REGULAR CLEANING (WEEKLY)

Caring for your timber floor is a lot easier than you might think. In fact, simple cleaning is the main ingredient to keeping timber floors in tip-top shape.

— Clean the floor from sand, dust and other debris with a vacuum cleaner with a soft bristle head. To prevent damage to the lacquer finish of your floor, ensure the wheels of the vacuum are clean and freewheeling.

— Clean with a Bona® Spray Mop and microfiber pad using Bona® Wood Floor Cleaner solution. Mop along the length of the board. Wipe the surface using a microfiber mop until the floor is nearly dry. Alternatively, use a Kärcher FC5 Floor Cleaner.

We Recommend

— Sweeping, anti-static mopping and/or vacuuming the floor as often as possible.

— Only using Bona® cleaning products. Other products may lead to inferior results or leave harmful residue.

— Only using a dry to damp mop or cloth when cleaning. We do not recommend the use of wet or steam mops on timber flooring.

— Avoiding over-wetting the floor. The floor should be dry in 2-3 minutes after cleaning.

— Taking the microfiber pad off your mop and washing it regularly to ensure it can clean effectively.

RECOMMENDED MAINTENANCE SCHEDULE

Deep Cleaning Your Timber Floor (2-4 Years)

Deep cleaning your wood floors every 2-4 years is an important step to having floors that last a lifetime. It removes dirt, grime and scuff marks that regular cleaning may leave behind and is an effective way to keep your floor looking beautiful, even after a few years of wear. To keep your floors looking their best, we recommend that a deep clean is completed by a professional, using either a Bona® or Kärcher Wood Floor Scrubber

Coating Refurbishment (5-8 Years)

If your wood floor's protective coating is starting to show signs of wear, slight staining and light scratches, a light sand of the coating can effectively restore its original beauty. To be sure of the perfect result, we recommend you engage a professional to lightly sand the surface coating of your floors with a Bona® Diamond Abrasive Pad to remove light scratches or wear. The sanded surface should then be recoated with two coats of Bona® Traffic HD Extra Matte to give the floor a new layer of durable protection.

Sand And Recoat (7-10 Years)

If your wood floor is looking discoloured, deeply scratched or lifeless, it may be time for a full sand and recoat. To restore your floors to their former glory, we recommend you engage a professional to sand your floor back to bare wood. The sanded surface should be refinished in your desired colour and coated with a protective coating system.

CARE & MAINTENANCE

COMMERCIAL FLOORING

CLEANING ROUTINES

For commercial spaces, we recommend developing a cleaning regime with an approved flooring maintenance specialist. An on-site consultation with the specialist should be arranged within 6 months of use to identify specific cleaning requirements.

Light Commercial (Low Foot Traffic)

Regularly - To be applied by the building cleaners

— Vacuum the entire timber floor with a soft bristle head (ensure the wheels of the vacuum are clean and freewheeling).

— Clean with a Bona Spray Mop using the microfiber pad and Bona Wood Floor Cleaner (regularly take off the microfiber pad and wash it to ensure it can clean effectively). 6-Monthly (for the first 12 months) - Must be applied by an approved flooring maintenance specialist:

— Give floor a deep clean using a Bona Power Scrubber machine and specially formulated Bona Deep Clean Solution. Ensure there are no puddles on the floor and remove any residual liquid immediately with a mop. Annually (after 12 months):

— Repeat the above step once a year.

Heavy Commercial (High Foot Traffic)

Daily Routine - To be applied by the building cleaners

— Vacuum the entire timber floor with a soft bristle head (ensure the wheels of the vacuum are clean and freewheeling).

— Clean with a Bona Spray Mop using the microfiber pad and Bona Wood Floor Cleaner (regularly take off the microfiber pad and wash it to ensure it can clean effectively).

Quarterly (for the first 12 months) - Must be applied by an approved flooring maintenance specialist

— Give floor a deep clean using a Bona Power Scrubber machine and specially formulated Bona Deep Clean Solution. Ensure there are no puddles on the floor and remove any residual liquid immediately with a mop.

6-Monthly (after 12 months)

Repeat the above step every 6 months.

COATING REFURBISHMENT

If your wood floor's protective coating is starting to show signs of wear, slight staining and light scratches, a light sand of the coating can effectively restore its original beauty. To be sure of the perfect result, we recommend you engage a professional.

Light Commercial (Low Foot Traffic)

Lightly sand the surface coating of your floors with a Bona® Diamond Abrasive Pad yearly to remove scratches or wear. The sanded surface should then be recoated with two coats of Bona® Traffic HD Extra Matte to give the floor a new layer of durable protection.

Heavy Commercial (High Foot Traffic)

Lightly sand the surface coating of your floors with a Bona® Diamond Abrasive Pad yearly to remove scratches or wear. The sanded surface should then be recoated with two coats of Bona® Traffic HD Extra Matte to give the floor a new layer of durable protection.

Sand and Recoat

If your wood floor is looking discoloured, deeply scratched or lifeless, it may be time for a full sand and recoat. To restore your floors to their former glory, we recommend you engage a professional to sand your floor back to bare wood. The sanded surface should be refinished in your desired colour and coated with a protective coating system.

CARE & MAINTENANCE

CARE & MAINTENANCE GUIDE

Providing essential information on cleaning techniques, repair advice and protective measures, our Care & Maintenance Guide helps you maintain your timber's appearance and ensure long-term durability in all environments.



WARRANTIES

RESIDENTIAL STRUCTURAL WARRANTY	Moda 25 Year Residential Structural Warranty
RESIDENTIAL FINISH WARRANTY	Moda 7 Year Residential Finish Warranty
COMMERCIAL STRUCTURAL WARRANTY	Moda 10 Year Commercial Structural Warranty

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