



VidaSpace®

TRUNK™

BPIR Technical Statement

Ver 002 | 22.08.25

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Overview

Issue Date: 22.08.25

Version Number: 002

BPIR Class: Class 1

Product Collection: TRUNK

CBI Number: 6312VS VidaSpace Timber Overlay Flooring System - Masterspec

Product Description:

TRUNK is an engineered timber flooring product that is suitable for residential and commercial applications. Designed in New Zealand with affordability in mind. Using a multi-ply construction, which consists of a European Oak wear layer, and ply backing made from Eucalyptus and Poplar. Suitable for underfloor heating (UFH) up to 27°C.

TRUNK is suitable to be used on interior floors, walls and ceilings. T&G construction profile on four sides.

TRUNK is finished in a water-based UV matte lacquer.

TRUNK comes in 6 colours in 3 plank sizes, see below for dimensions.

Standard: 14/3mm x 190mm x 1900mm

Wide: 15/4mm x 220mm x 2500mm

Slim: 15/4mm x 60mm x 1900mm

Product Details

| | |
|---------------------------------|---|
| Construction | Engineered |
| Wear Layer Species | European Oak |
| Core | 7 Layers Eucalyptus and Poplar Multiply, with Poplar Backing |
| Profile | Tongue & Groove |
| Dimensions | 190 x 14 x 1900mm - Stocked 220 x 15 x 2500mm - Stocked 60 x 15 x 1900mm - Indent |
| Wear Layer Thickness | 3mm |
| Bevel Long Edge | 0.5mm micro bevel |
| Short Edge | 0.3mm micro bevel |
| Grade | 190 + 220mm = Character Grade 60mm = Light Character Grade |
| Finish | 7-layer Platinum UV Cured Matt Lacquer |
| Texture | Brushed |
| Recommended Installation Method | Glue Down/Direct Stick |
| Pack Size | 190 x 14 x 1900mm - 2.888m2 220 x 15 x 2500mm - 2.2m2 60 x 15 x 1900mm - 1.824m2 |
| Nested Length | May contain up to : 190mm = 25% 220mm = 15% 60mm = 25% |
| Responsible Certification | FSC® certified on Request |
| Residential Finish Warranty | 25 Years |
| Commercial Wear Finish Warranty | 5 Years |
| Structural Warranty | Lifetime |

Technical Details

| | | |
|--|-------------------|---|
| Janka Hardness Rating | | 1360 lbf (4,890N) |
| ISTS Slip Testing | Wet Test | AS/NZS 4586 |
| Resistance to indentation | EN1534 | Classification X, Pendulum Mean 35 BPN |
| Thermal Resistance | EN12667 | Brinell Hardness ≥ 9.5kg/mm2 |
| Pentachlorophenol Emission: | | 0.0882m2K/w (SP/PP), 0.0784m2K/W (HD) |
| European reaction to fire classification | EN13501-1 | ≤5ppm |
| Reaction to fire - Walls & Ceilings | NZBC | Dfl-s1 |
| Formaldehyde Emissions | EN717-1 | Group 3 - To achieve Group 1-s fire rating apply Zone 92 intumescent coating. |
| Underfloor Heating | | E1 (≤1.5mg/L) |
| Quality/Machining tolerances | Dimensions | Up to 27 °c |
| | Height difference | ±0.2mm |
| | Fitting gap | ≤0.2mm |
| | Bend | ≤0.2mm |
| | | ≤ 1% of the length |

Product Ingredients

Finish: 7 coats of Water-based UV Lacquer
Wear Layer: Quercus Robur (European Oak).
Bonded: D4 Moisture Resistant Adhesive
Bottom Layer: Eucalyptus and Poplar

Product Matrix



Meet

ELZA



| | |
|-------------------|--------|
| 190 x 14 x 1900mm | VS5300 |
| 220 x 15 x 2500mm | VS5310 |
| 60 x 15 x 1900mm | VS5320 |



Meet

KOVA



| | |
|-------------------|--------|
| 190 x 14 x 1900mm | VS5301 |
| 220 x 15 x 2500mm | VS5311 |
| 60 x 15 x 1900mm | VS5321 |



Meet

DOMO



| | |
|-------------------|--------|
| 190 x 14 x 1900mm | VS5302 |
| 220 x 15 x 2500mm | VS5312 |
| 60 x 15 x 1900mm | VS5322 |



Meet

VETRA



| | |
|-------------------|--------|
| Smoked | |
| 190 x 14 x 1900mm | VS5303 |
| 220 x 15 x 2500mm | VS5313 |
| 60 x 15 x 1900mm | VS5323 |



Meet

RIVA



| | |
|-------------------|--------|
| Smoked | |
| 190 x 14 x 1900mm | VS5304 |
| 220 x 15 x 2500mm | VS5314 |
| 60 x 15 x 1900mm | VS5324 |



Meet

BOSKO



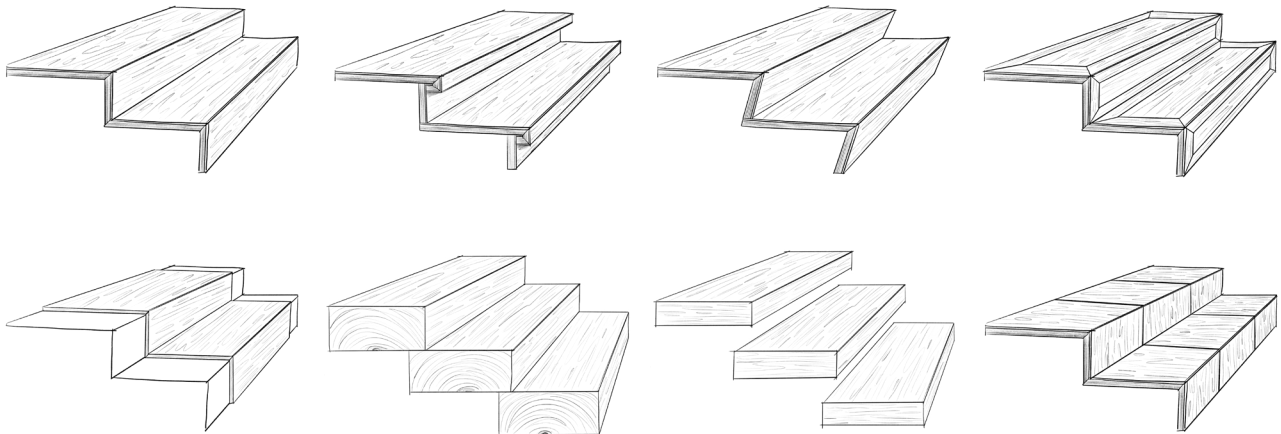
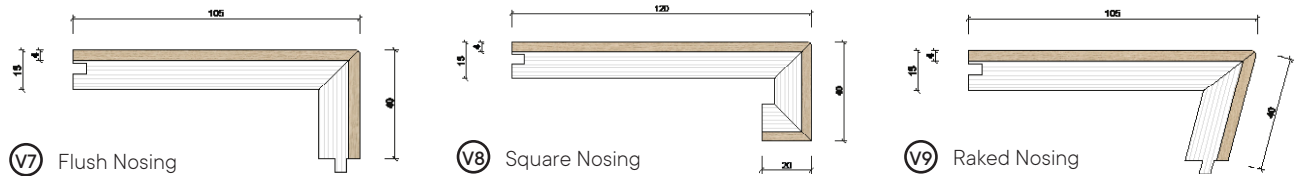
| | |
|-------------------|--------|
| Smoked | |
| 190 x 14 x 1900mm | VS5305 |
| 220 x 15 x 2500mm | VS5315 |
| 60 x 15 x 1900mm | VS5325 |

Stair Designs

VidaSpace specialise in custom staircase design. Whether your project calls for a standard stair profile or a bespoke design, every staircase created with VidaSpace will be robust, functional, and look seamless. All staircases are designed to seamlessly complement and elevate your flooring project.

For more designs & details please refer to our VidaSpace Stair Design Guide. - www.vidaspace.co.nz/vidaspace-stairs

Stair Nosing & Inserts available to meet NZBC Clause D1/AS1.

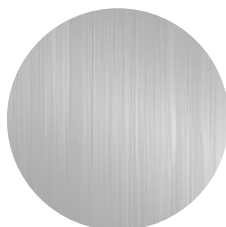


Detailing

Integrate features into your design with our detailing suggestions. Subtle and small, or bold and striking. Metal inserts on stair treads or between floor transitions, changing direction of planks, recycled plastic or brass designs routed into boards. Speak to our Specification and Technical Consultants to discover the endless possibilities.



Organic Brass



Silver



Pewter



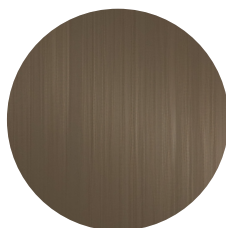
Light Champagne



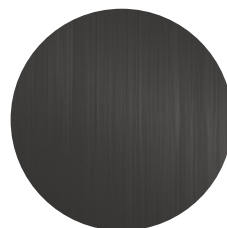
Champagne



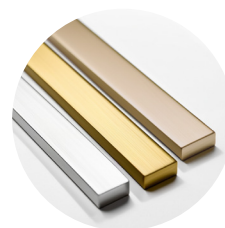
Light Bronze



Smoked Bronze



Matte Black



Dimensions: 12 x 3 x 2500mm

Floor Build-up Guides

Our unique and user-friendly floor build-up guides allow you to choose the complete subfloor solution for your timber floor. Combining high performance products with low environmental impact and delivering quality without compromise, our products overcome build challenges, saving time and speeding up your build. Simply make your selection from the options on our website and you'll receive full details of the complete sub-floor build-up you need to support your project.

Systems can be found on our website here - www.vidaspace.co.nz/flooring-systems

Installation Guides + Accessories

- We recommend TRUNK timber floors are installed by an experienced timber floor installer, with certifications such as ATFA
- All TRUNK timber floors must be installed in accordance with our Glue Down Installation Guide - Engineered Wood Flooring - [Download Here](#)
- All TRUNK timber floors must be installed in accordance with VidaSpace NZ Building Code Compliance Guide for Timber Flooring - Ver 004 - [Download here](#)
- If installing TRUNK on Walls or Ceilings it must be installed in accordance with our T&G Timber Installation Guide - Internal Walls & Ceilings - [Download Here](#)
- Specify the correct Flooring Installation products using our Masterspec Work Section 6312VS VidaSpace Timber Overlay Flooring System

| Recommended Installation Products | | Application |
|-----------------------------------|---|------------------------|
| VSA0214 | Kiesel Servoplan Ki1 Self-levelling Compound | Subfloor Preparation |
| VSA0218 | Kiesel Reinforcing Fibres | Subfloor Preparation |
| VSA0216 | Kiesel Okatmos UG30 Universal Primer | Subfloor Preparation |
| WC21 | WoodClinic Moisture Barrier 8L - 2 part kit | Subfloor Preparation |
| WC22 | WoodClinic Moisture Barrier 20L - 2 part kit | Subfloor Preparation |
| WC11 | WoodClinic MS Wood Flooring Adhesive | Glue Down Installation |
| VSA0106 | WoodClinic Recycled Rubber Acoustic Underlay High Performance Acoustic Underlay | Flooring |
| VSA0900 | Wagner Floor Sentry Data Logger | Flooring |
| VSA0202 | Rapid Cure Adhesive | Walls + Ceilings |

Care Guides + Accessories

Maintenance is necessary for this product's ongoing compliance. Please refer to the latest version of our VidaCare Guide for in-Depth cleaning and maintenance instructions that can be found here - www.vidaspace.co.nz/downloads-resources#Care-Maintenance

| Recommended Care Products | |
|--|--|
| WoodClinic Wood Floor Lacquer Care Kit | Wood Floor Lacquer Soap 1L Concentrate |
| WoodClinic Lacquer Replenishment Kit | Wood Floor Conditioner Clear 1L Concentrate |
| WoodClinic Wood Floor Spray Mop Kit | WoodClinic Felt Protective Pads 133 Piece Set |
| WoodClinic Microfibre Mop Heads 2 Pack | Fastfill DIY Repair Kits - Light Medium Dark |

All Care products can be purchased direct from our website - www.vidaspace.co.nz/care-shop

Certification Information



CE Marking: CE Marking is a certification for products sold in the European Economic Area (EEA) that ensures they meet safety and environmental standards. It signifies compliance with EU regulations and allows free movement of goods within the EEA. Products displaying the CE Mark have undergone testing and conform to essential health, safety, and environmental protection requirements.



FSC on request: FSC, or Forest Stewardship Council, is an organisation that promotes responsible forest management. "FSC on request" indicates that a product can be sourced from FSC Certified forests or that the manufacturer can provide documentation to prove its commitment to sustainable and ethical wood sourcing upon request.



NZWTA – Imperviousness: The New Zealand Wool Testing Authority (NZWTA) assesses the imperviousness of materials. This certification ensures that the material is resistant to the penetration of liquids, which can be crucial for applications where moisture resistance is essential.



ISTS – Slip rating: ISTS stands for Independent Slip Testing Services and it pertains to the assessment of slip resistance on various surfaces, such as floors and walkways. A slip rating certification from ISTS indicates that the surface has been tested and rated for its slip resistance, helping to reduce the risk of accidents and injuries, especially in public areas or workplaces.

Healthy Building Certifications

With the third party sustainability and healthy product testing, these TRUNK products will contribute points towards achieving the following Healthy Building Certifications.

- Homestar
- Green Star
- Living Building Challenge
- Passive House

Grading Criteria



Light Character Grade

- Light Character Grade wood encompasses both the heartwood and sapwood of the tree.
- It has fewer and smaller knots than character grade but more than select grade.
- While there's some heartwood and color variation, it's generally more consistent in color across the batch.
- Checks, if any, are minimal, and any filler used is selected to blend nicely with the wood's appearance, ensuring some color consistency, even if minor variations can occur between batches.



Character Grade

- Character Grade wood encompasses both the heartwood and sapwood of the tree.
- It allows a broader range of colour variations.
- Knots are larger, and you should anticipate some checks.
- Filler is used, chosen to complement the wood rather than matching it exactly, and its color may vary between batches.

Warranty & Life Expectancy

All VidaSpace products must be installed by a competent installer/contractor who has the necessary skills and experience and can take individual site circumstances into account. VidaSpace warranty will apply only to projects which have been installed, handled and maintained to industry best practice and New Zealand Building Code requirements. It is the responsibility of the specifier to determine the product is suitable and compliant for the application.

TRUNK has a Lifetime Structural Warranty and a 5 Year Commercial Finish Warranty & a 25 Year Residential Finish Warranty.

These warranties are provided as a guideline, and actual performance can vary. The key to maximising the lifespan of your engineered timber floor lies in proper maintenance, which may include regular cleaning, avoiding excessive moisture, using protective mats and furniture pads, and promptly addressing any damage or spills. Additionally, the quality of the installation plays a significant role in the long-term durability of the floor. The life expectancy of an engineered timber floor will be dependent on the level of foot traffic it receives. With the ability to refinish an engineered timber floor you can extend its overall lifespan.

To access our VidaSpace Systems Warranty please get in touch with our technical department.

End of Life Options

The end-of-life options for TRUNK timber flooring depend on various factors, including the condition of the flooring, and environmental considerations. Here are some common options:

Refinishing: If your TRUNK timber flooring is still in good condition but has surface wear and tear or minor damage, refinishing can extend its life. This involves sanding the surface to remove the old finish and applying a new finish, which can rejuvenate the look of the floor.

Recycling: If your TRUNK timber flooring is no longer usable or cannot be reclaimed, it can be recycled. Timber can be ground down to create wood chips or used in particleboard or fiberboard production. Recycling helps reduce the demand for new timber and minimises waste.

Upcycling: If the TRUNK timber flooring has some usable sections, consider upcycling it into smaller items. This reduces waste and gives the wood a new purpose.

When considering the end-of-life options for timber flooring, it's essential to prioritise sustainability and environmental responsibility. Refinishing and recycling are typically better options than disposal in a landfill or biomass energy generation. Additionally, local regulations and recycling facilities may vary, so it's a good idea to check with local authorities or recycling centers for guidance on the most suitable options in your area.

NZBC Relevant Clauses

B2 Durability — B2.3.1 (c)

C3 Fire affecting areas beyond the fire source — C3.4 (b)

D1 Access Routes — D1.3.3 (d)

E3 Internal moisture — E3.3.3, E3.3.5, E3.3.6

F2 Hazardous building materials — F2.3.1

G6 Airborne and impact sound — G6.3.1, G6.3.2

Contributions to NZBC Compliance

| | | |
|---------------------------|--|-----|
| Category: Floor coverings | Use on access routes | Yes |
| | Use in areas with floor surface fire obligations | Yes |
| | Use in wet areas (not including bathrooms) | Yes |
| | Use in food preparation areas | Yes |
| | Part of a system for acoustic performance | Yes |

Clause: B2 Durability

B2.3.1 - Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

(c) 5 years if:

- The building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and
- Failure of those building elements to comply with the building code would be easily detected during normal use of the building.

Contribution to B2.3.1(c)(i) and (ii): TRUNK has a 25 year finish warranty for residential use and a 5 year finish warranty for commercial use. TRUNK also has a lifetime structural warranty. Refer to the warranty documentation for further information. VidaSpace also provides and recommends a cleaning system range called WoodClinic.

Clause: C3 Fire affecting areas beyond the fire source

C3.4 - Surface Linings

(b) floor surface materials in the following areas of buildings must meet the performance criteria specified below:

| Area of Building | Minimum critical radius flux when tested to ISO 9239-1: 2010 | |
|---|---|---|
| | Buildings not protected with an automatic fire sprinkler system | Buildings protected with an automatic fire sprinkler system |
| Sleeping areas and exit-ways in buildings where care or detention is provided | 4.5 kW/m ² | 2.2 kW/m ² |
| Exit-ways in all other buildings | 2.2 kW/m ² | 2.2 kW/m ² |
| Fire-cells accommodating more than 50 persons | 2.2 kW/m ² | 1.2 kW/m ² |
| All other occupied spaces except household units | 1.2 kW/m ² | 1.2 kW/m ² |

Contribution to C3.4(a) and (b): TRUNK has a CRF of >2.2kW/m², due to it being thicker than 12mm and >400kg/m³ in density. Please refer to Appendix C/VM2, Table B1, Page 71. It also achieves a European Reaction to Fire classification of Dfl-S1. TRUNK can achieve a Group 1-S rating for use on walls and ceilings when an intumescent coating is applied such as Zone 92.

Clause: D1 Access Routes

D1.3.3 - Access routes shall:

(d) have adequate slip-resistant walking surfaces under all conditions of normal use

Contribution to D1.3.3: TRUNK has slip resistance rating of Classification X, Pendulum Mean 35 BPN for Wet Test. When combined with an appropriate nosing, TRUNK can be used in commercial stair applications. Refer to the VidaSpace Stair Design Guide for further information.

Clause: E3 Internal moisture

E3.3.3 - Floor surfaces of any space containing sanitary fixtures or sanitary appliances must be impervious and easily cleaned.

E3.3.5 - Surfaces of building elements likely to be splashed or become contaminated in the course of the intended use of the building, must be impervious and easily cleaned.

E3.3.6 - Surfaces of building elements likely to be splashed must be constructed in a way that prevents water splash from penetrating behind linings or into concealed spaces.

Contribution to E3.3.3, E3.3.5, E3.3.6: TRUNK has a 7 layer lacquer coating system that is impervious and easily cleaned. D4 PVA can be used in the joins 1.5m from sanitary fixtures and sealant around the perimeter to show compliance to E3. Suitable for use in kitchens, laundries & powder rooms - refer to the E3 documentation (VidaSpace NZ Building Code Compliance Guide).

Clause: F2 Hazardous building materials

F2.3.1 - The quantities of gas, liquid, radiation or solid particles emitted by materials used in the construction of buildings, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

Contribution to F2.3.1: TRUNK is safe when handled and has passed VOC Emission tests. There are no requirements for this product in order to comply with Acceptable Solution F2/AS1, First Edition Amendment 3, 2017. Refer to the VOC Emission test documentation. Achieves an E1 rating when tested to EN717-1.

Clause: G6 Airborne and impact sound

G6.3.1 - The Sound Transmission Class of walls, floors and ceilings, shall be no less than 55.

G6.3.2 - The Impact Insulation Class of floors shall be no less than 55.

Contribution to G6.3.1, G6.3.2: TRUNK can be installed on acoustic underlay as a system suitable for multi-tenanted buildings. Refer to the build-up guide documents and Acoustic test documents. VidaSpace recommends our WoodClinic Recycled Rubber Acoustic Underlay which helps exceed STC55 and IIC55.

Scope of Use

TRUNK:

- Is suitable for use as an interior floor, wall & ceiling covering.
- Is suitable for high-traffic areas.
- Is suitable for use with underfloor heating systems.
- Is suitable for use in wet areas such as kitchens and laundries.
- Is suitable for use in both residential and commercial applications.
- Is suitable for providing additional sound reduction for floors with adjoining tenancies if installed as part of an acoustic system using WoodClinic Recycled Rubber Acoustic Underlay.

Conditions of Use

TRUNK:

- Is not recommended for use in wet areas such as bathrooms.
- Is not suitable for exterior use.
- Is expected to change colour with UV exposure, this is not considered a defect but a natural occurrence in all timber products. Blinds, UV films or glazings can be used to mitigate the risk.
- Must be installed in accordance with VidaSpace installation guidelines.
- Can't be installed on concrete substrates with a relative humidity of more than 65% or subject to rising damp, without a suitable Vapour barrier.
- Must be acclimatised to reach equilibrium with the area that it is to be installed.
- WoodClinic™ Systems are the recommended accessories used for installation. *(Refer to page 9)*
- Requires a professional for installation, contact the VidaSpace team if you require a recommendation.
- To achieve the STC/IIC of 55 TRUNK must be installed in accordance with the acoustic system, outlined in the floor build-up documentation. WoodClinic Recycled Rubber Acoustic Underlay is the recommended underlay to be used.
- Must be cleaned and maintained in accordance with the VidaCare Guide.

Supporting Documentation

The following additional documentation supports the above statements:

- NZWTA Test Report for UV Lacquered Tongue & Groove Timber Flooring
- Glue Down Installation Guide - Flooring
- Installation Guide - Internal Walls & Ceilings
- VidaCare Guide
- ISTS Slip Test Report
- CE Test Report
- FSC Certificate
- WoodClinic Floor Build Up Guides
- WoodClinic Wood MS Floor Adhesive BPIR Technical Statement
- WoodClinic Moisture Barrier BPIR Technical Statement
- WoodClinic Recycled Rubber Acoustic Underlay BPIR Technical Statement
- VidaSpace NZ Building Code Compliance Guide (Including E3)
- VidaSpace Stair Design Guide
- Taber Test
- Fire Test Reports
- Acoustic Test Report

Downloads can be found here - www.vidaspace.co.nz/downloads-resources

Warnings and bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

No

Contact Details

For further Product or Technical Support please contact VidaSpace using the methods below.

| | |
|---|------------------------------------|
| Legal and trading name of Contract Manufacturer | VidaSpace Ltd |
| Contract Manufacturer address for service | 20 Roe St, Levin 5571, New Zealand |
| Contract Manufacturer website | vidaspace.co.nz |
| Contract Manufacturer email | hello@vidaspace.co.nz |
| Contract Manufacturer phone number | 0800 119 388 |
| Contract Manufacturer NZBN | 9429041788349 |

Declaration

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

© This BPIR technical data sheet was written by VidaSpace Limited. 20 Roe St, Levin, 5571, New Zealand and updated in January 2025.

Please ensure that you are using the latest publication by contacting VidaSpace or downloading the latest document from the Downloads or product page on www.vidaspace.co.nz.

At the time of writing and publication of the sheet, all information is specified correctly.

The company reserves the right to change the specifications of this product at any time without prior notice to third parties.

The photographs used in this sheet are intended only as illustrations. No rights can be derived from them.

Signed by:

Matt Stewart,
Technical Product Manager
VidaSpace Ltd

Matt Stewart
Signature

Jimmy Simmons,
Managing Director
VidaSpace Ltd

Jimmy Simmons
Signature

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