

Forté Timber Overlay Flooring System (Generic)

Product Technical Statement: 111993



For use with all Forté Timber Flooring Collections

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Forté confirms that this minimum level of assurance has been met or exceeded by the following:

Forté

[Alternative Solution for E3](#)

/artiste
RUSTIC

/atelier

masterspec partner

Company Contact Details

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— Nature Refined

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Technical Statement

Product Description

This system has been updated to allow for the recent changes to Building Code E3 (Internal Moisture).

Description

The Timber Overlay Flooring System follows a glue-down installation method and is designed for use with Pre-finished Engineered Plank Flooring from Forté.

Key components:

1. Forté Timber Flooring Planks (*See Options Available*)
2. Installation onto a Suitable Substrate (*See Suitable Substrates*)
3. Installation in accordance with the forte Timber Overlay Flooring System [Design Guide](#) and [Installation Guide](#) and [E3 Alternative Solution Document](#)

Options Available:

- [Artiste Rustic Collection](#)
- [Atelier Collection](#)
- [Indus Collection](#)
- [Moda Collection \(Altro, Mezzo, Stretto\)](#)
- [Ultra Collection](#)
- [Smartfloor Collection](#)
- [Urban Collection](#)
- [Villa Collection](#)

Suitable Substrates:

1. **Concrete floors** (slab-on-grade or suspended)
2. **Timber flooring** (Structural or Overlay, but not timber joists) I.e. Concrete Subfloor, H3 Treated Plywood, H1.2 Solid Pinus, H1.2 Douglas Fir, Existing Solid native Timber *refer to page 29 of [Design Guide](#) for more info*)
3. **Concrete floors with Hydronic Underfloor Heating system** (set into slab 45mm minimum)
4. **Electric Underfloor Heating system** (set into screed 8mm minimum)
5. **Wet-Area Membrane Systems** (when approved by the Membrane System Supplier)
6. **Acoustic Underlay glued to an approved substrate**

Scope of use

The Forte Timber Overlay Flooring System as per the [Design Guide](#) and [Installation Guide](#) and [E3 Alternative Solution Document](#) designed for use as non-structural overlay flooring inside residential and commercial buildings. Installations outside of the scope of use will not be covered under warranty.

Scope of Use:

- The flooring is suitable for all areas other than Garages, Bathrooms (with showers and/or baths) and Commercial Kitchens.
- The flooring should always be installed onto an approved substrate (refer to [Design Guide](#))
- Additional requirements must be adhered to for installations in Wet Areas (refer to [Design Guide](#) and [E3 Alternative Solution Document](#))
- Additional requirements must be adhered to for installations with Underfloor Heating (refer to [Design Guide](#))
- The area with flooring should be protected against changes in climate. (refer to [Care & Maintenance Guide](#))
- The flooring should be separated from fuel burning appliances, flues, and chimneys in accordance with NZCB Section C AS/1.
- For installations where a single length/run of the timber flooring will be over 15 meters, please contact Forte to ensure suitability for installation.

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New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(b)
- **Clause D1 Access routes:** Performance D1.3.3(d), D1.3.3(g)
- **Clause E3 Internal moisture:** Performance E3.3.2, E3.3.3, E3.3.5, E3.3.6
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Clause B2: B 2.3.1(c)

Compliance: NZS 3602 Table 3 (All Collections)

Clause C3: C 3.4(b):

Compliance: C/VM2 Appendix B Table B1 (All Collections)

Clause D1: D 1.3.3(d):

Compliance:

- Residential Level Surfaces: D1/AS1 Table 2 (All Collections)
- Residential Level Surfaces: D1/AS1 Table 2 (All Collections)
- Residential Stairs: AS4586 Appendix A (All Collections)
- Commercial Level Surfaces (Dry): D1/AS1 Table 2 (All Collections)
- Commercial Level Surfaces (Wet): D1/AS1 2.1.2a (Some Collections)
- Commercial Stairs: D1/AS1 2.1.5 (Some Collections require slip-resistant nosings)

Clause E3: E3.3.2, E3.3.3, E3.3.5, E3.3.6

Compliance:

1. [Alternative Solution for E3](#) (Installation without Waterproof Membrane)
 - Single Dwelling Residential
 - Multi Dwelling Residential Kitchens (If overflow met per 2.0.1 of E3/AS1)
2. [E3/AS2](#) (Internal Wet-area Membrane Systems)
 - Always suitable in a Wet Area when installed over Wet-area Membrane
3. [SGS E3 Testing](#)

Clause F2: F2.3.1

Compliance: AS/NZS 2098.11 & AS/NZS 4266.1 (All Collections)

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



Forté

[Alternative Solution for E3](#)

Use in Service History

Forté Timber Overlay Flooring Systems have been used in New Zealand since 2008

Product Criteria

Design requirements

The Flooring should be designed in accordance with the Forté [Timber Overlay Flooring System Design Guide](#)

Installation requirements

The Flooring should be installed in accordance with the Forté [Timber Overlay Flooring System Installation Guide](#) and [E3 Alternative Solution Document](#)

Maintenance requirements

The flooring should be maintained in accordance with the relevant Forté Guide

- **For Residential Spaces:** [Caring for your Forté Timber Floor](#)
- **For Commercial Spaces:** [Care & Maintenance Guide for Commercial Spaces](#)
- [E3 Alternative Solution Document](#)
- [SGS E3 Testing](#)

Warrantees

- [Forté Structural Warranty for Timber Flooring and Wall Panelling](#)

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Company Product Information

Environmental

The [NZGBC requirements for Timber Flooring](#) are Responsibly Sourced and Low VOC.

- All Timber Flooring Collections from Forte are Responsibly Sourced and available with either a PEFC or FSC Certificate.
- All Timber Flooring Collections from Forte are Low in Formaldehyde and meet an E1 or E0 rating.



Date last validated: **01 December 2022**



Date last updated: **01 December 2022**

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