

CLASS 1

Building Product Information Sheet

Product name:

Stepcasa laminate flooring

Product line (the product line from which the product is customised):

Product description and its intended use (measurements, materials, usage):

Laminate flooring is a type of floor covering, and its composed of multiple layers that are fused together through a lamination process. It is used for floor decoration and is suitable for installation on concrete, plywood, or particleboard subfloors.

Key technical specifications:

Thickness: 12mm

Length: 1216mm

Width: 196mm

Product identifier (if applicable):

Place of manufacture: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

ANYTREE INDUSTRIAL LIMITED

Legal and trading name of the importer (if applicable):

FLOORCO TRADING LTD.

Address for service:

STREET NAME 118 Carbine Road

SUBURB Mt Wellington

CITY, COUNTRY Auckland

POSTCODE

Website:

www.floorco.co.nz

Email address:

nzfloorco@hotmail.com

Phone No. (if applicable):

NZBN (if applicable):

Relevant Building Code clauses:

B2 Durability: Performance clause B2.3.1 (C) (i) (ii)

E3 Internal moisture: Performance clauses E3.3.2 E3.3.3, E3.3.5 and 3.3.6

C3 Fire Affecting areas beyond the fire source: Performance clause C3.4 (B)

D1 Access Routes Staris Slip: Performance clause D1

F2 Hazardous Building materials: Performance clause F2

G6 Airborne and impact sound : Performance IIC55

Statement on how the building product is expected to contribute to compliance:

B2.3.1 (C) (i) (ii) : The floor covering has a durability of at least 5 years. Contributing to compliance through in-service history and laboratory testing Refer to Overlay Laminate flooring system product alternatives solution Guidance online:
<https://floorco.co.nz/laminate-flooring-alternative-solution/>

E3 Internal moisture: Performance clauses E3.3.2 E3.3.3, E3.3.5 and 3.3.6. Floor surfaces of any space containing sanitary fixtures or sanitary appliances must be impervious and easily cleaned. Refer to the design and installation requirements for further information. Refer to "product alternatives solution Guidance and Installation Guidance" online
<https://floorco.co.nz/laminate-flooring-alternative-solution/>
<https://floorco.co.nz/laminate-flooring-installation-instructions/>

C3. Our SPC flooring is Acceptable in all areas. The Critical radiant flux value $\geq 4.5\text{kW/m}^2$. Refer to the test report provided by testing laboratory available online: <https://floorco.co.nz/wp-content/uploads/Laminate-fire-test-CHF4.pdf>

D1 According to Section D1/AS1, HANDBOOK 197 can be consulted for guidance on minimum slip resistance values in different areas, based on the Wet Pendulum. Refer to the test report provided by "Overlay flooring compliance design guide"
<https://floorco.co.nz/overlay-flooring-compliance-design-guide/>,

F2 Contributing to compliance Installers should strictly adhere to the health and safety requirements outlined in the "Overlay Laminate Flooring System Installation Guide. "
 Overlay Laminate Flooring System Installation Guide: <https://floorco.co.nz/laminate-flooring-installation-instructions/>

G6.3.1 and G6.3.2, in Multi Dwelling, Materials in the following areas of buildings must meet the performance criteria specified of The impact insulation Class of floors shall be no less than 55 determined in accordance with ASTM 492.
 According to the "Installation Performance Compliance Design Guide" and "overlay flooring system installation guide" can be met by acoustic Underlay to compliance.

Refer to:
<https://floorco.co.nz/overlay-flooring-compliance-design-guide/>
<https://floorco.co.nz/laminate-flooring-installation-instructions/>

- options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)
- standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured
- physical properties of the building product
- how the building product is intended to be used.

Limitations on the use of the building product:

(1)Commercial and residential indoor use (2)This product is suitable for all areas except commercial kitchens and garages.(3)The Subfloor must be level in accordance with NZS/AS 1884:2013.(4)The product must be installed onto an approved subfloor. (5) When used in wet areas, the provisions of the overlay flooring system Installation guide. (6)The products are used with underfloor heating systems, the provisions of overlay flooring system installation guide.(7)During maintenance and cleaning, the maintenance and care guide provided by FLOORCO must be adhered to.(8)length and width of the flooring will be less than 10 meters. If exceeding this measurement, please choose to use a divider transition trim.(9)The product needs to comply with the NZBC C AS/1, maintaining a distance from combustion appliances.

Design requirements that would support the use of the building product:

D1 Slip resistance stair
E3 Wet areas
G6 Acoustic Underlay
Underfloor Heating design

Refer our "Overlay flooring compliance design guide " to more information
<https://floorco.co.nz/overlay-flooring-compliance-design-guide/>

Installation requirements:

1. Laminate flooring should acclimatize horizontally for at least 24 hours, stacked in a maximum of 3 boxes. Room temperature > 18°C
2. Floor temperature between 15°C and 25°C, and relative humidity between 50% and 65%. Consider interlayers and impact sound underlays.
3. Depending on the subfloor, interlayers can impact comfort. Some collections have integrated impact sound insulation underlay.
4. Height tolerance must not exceed 3 mm per meter or 1 mm per 10 cm for tile edges. Remove textile floor coverings and needlefelt.
5. Laminate flooring can be installed on various surfaces like screeds, wood flooring, and stone floors. Remove textile floor coverings.For mineral subfloors, use a vapor barrier of at least 0.2 mm thick (or equivalent).
6. Use a PE or screed film (at least 1.2 mm thick) in rooms without a cellar, vaulted ceilings, and passageways, ensuring moisture barrier with sealant.Lay the vapor barrier beneath the interlayer.
7. Use recommended walking sound and impact sound reducing underlay material, especially with laminated insulating underlay.
8. Measure the surface and arrange material format and laying pattern accordingly with a joint offset of at least 30 cm.
9. Install from left to right, with panels facing the wall and front side facing the main light source. Install long, narrow areas in the longitudinal direction for stability.
10. Use spacers for a consistent 10 mm expansion joint and maintain 10 mm distance to fixtures in the room.
11. Start the second row by placing the first element in the groove of the already installed element.
12. Insert and interlock elements, ensuring a tight connection between rows.
13. Apply the same installation technique to the rest of the rows.
14. For the final row, measure the distance to the wall and install accordingly.
15. Spaces up to 64 m2 can be installed without joints, observing double edge distance of about 10 mm.
16. Use movement profiles for extremely narrow, long rooms, and add expansion joints for interrupted areas.
17. Remove all spacing blocks.
18. Seal expansion joints and pipe ducts with profiles or joint sealant.
19. Contractors have a duty of maintenance until the work is accepted. After partial acceptance, maintenance duty transfers to the customer.

Refer to the flooring installation instructions available from <https://floorco.co.nz/laminate-flooring-installation-instructions/>

Maintenance requirements:

- 1 Regularly clean laminate flooring based on usage and area.
- 2 During construction, remove dust and loose dirt with a broom or vacuum cleaner. Protect the surface with suitable covers.
- 3 After installation, protect the floor from damage in regularly frequented areas during construction, avoiding trapped moisture under furniture.
- 4 Use protector pads or underlay to protect chairs, tables, and furniture legs.
- 5 Regularly maintain chair castors and gliders; ensure flat and rounded contact areas. Metal gliders can corrode and cause stains with exposure to moisture.
- 6 With underfloor heating, surface temperature should not persistently exceed 27°C; trapped heat can be dangerous, even with a carpet on top.
- 7 No need to treat laminate floors NZ. Avoid film-forming care products as they impair use and make surfaces harder to clean.
- 8 Use a brush or vacuum cleaner for everyday cleaning to remove loose dust and dirt.
- 9 When wet cleaning, use water and cleaning agents sparingly with a damp cloth; avoid abrasive microfibers and film-forming cleaning agents.
- 10 Indoors are crucial for human well-being, considering most time is spent in closed buildings. Indoor climate depends on various factors.
- 11 Maintain a healthy room climate of around 20°C at 50-65% relative humidity to preserve the value of the floor covering. Consider using humidifiers based on the evaporation principle. Insufficient humidity, especially during heating periods, can affect floor dimensions and shape, particularly with natural raw materials not firmly bonded to the substrate.

Refer to the flooring care and clean available from <https://floorco.co.nz/laminate-floors-care-and-clean/>

Is the building product/building product line subject to warning or ban under section 26?:

Yes No

If yes, description of the warning or ban under section 26:

N/A

Date:

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