

CLASS 1

Building Product Information Sheet

Product name:

NZCORE 8mm SPC flooring

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

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

SPC flooring is a type of floor covering, and its full name is Stone Plastic Composite Flooring. It is used for floor decoration and is suitable for installation on concrete, plywood, or particleboard subfloors.

Key technical specifications:

Thickness: 8mm

Wear layer: 0.5mm

Length: 1524mm

Width: 228mm

Underlay: 2mm

Product identifier (if applicable):

Place of manufacture: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Wood Star Holdings 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 SPC flooring system product alternatives solution Guidance online: <https://floorco.co.nz/spc-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/spc-flooring-alternative-solution/>
<https://floorco.co.nz/spc-install-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/ISO9239-FIRE.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 test carried out in accordance with AS 4586. Refer to the test report provided by <https://floorco.co.nz/wp-content/uploads/2020/09/SLIPTESTING.pdf>

F2 Contributing to compliance Our product are Low-formaldehyde when tested. Installers should strictly adhere to the health and safety requirements outlined in the "Overlay SPC Flooring System Installation Guide." refer to Formaldehyde testing: <https://floorco.co.nz/wp-content/uploads/16000-SPC.pdf>
Overlay SPC Flooring System Installation Guide: <https://floorco.co.nz/spc-install-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/spc-install-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:

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

- 1)Remove existing molding and clean sub-floors. Level uneven sub-floors if necessary. Please ensure to follow the content of " Concrete & Timber Substrate Preparations." in this guide.
- 2)Roll out poly-film (1.5 mm-5 mm) to cover the subfloor, especially if the installation is above or at ground level. (if required)
- 3)Identify the longest, straightest wall to begin the installation.
- 4)Measure and mark the flooring width plus 6mm for expansion from the starting wall, snapping a chalk line for guidance.
- 5)Take into account extra expansion gaps for strong sunlight exposure, and when installing. on plywood or particle board sub-floors. Please ensure to follow the content of " Substrate Preparations" in this guide.
- 6)Select the longest and straightest boards for the first rows.
- 7)Align and install the boards, ensuring a 6mm expansion gap from the end wall, and stagger the joints with a minimum end stagger of 152mm.
- 8)Measure the total width of the flooring (including the tongue), plus 6mm for expansion. Measure out this distance in at least 2 places from the starting wall and 30cm from the corners. Then, snap a chalk line parallel to the starting wall.
- 9)Continue laying out the planks, working from at least four open cartons to blend the planks and stagger the end joints for a pleasing appearance.
- 10)Then interlock the longitudinal side by pulling the elements together. As long as there is no visible gap between the elements, the connection has been sealed correctly and the element can be fully laid out flat on the floor. If a gap exists, repeat the previous process but with more pressure and check the row beforehand.
- 11)It may be necessary to rip the last row to allow for the 6mm expansion. If the last row is 3cm or less click the pieces to the last full uninstalled row and install them together.
- 12)When installing in wet areas, it's essential to fully apply D3 PVA adhesive at the joints of the floor, whether it is a floating installation or a glue-down method.
- 13)In wet areas, creating an impermeable surface is essential to comply with the E3. Make sure to use a D3 PVA joint sealer adhesive for sealing all plank joints, both along their length and at the ends.
- 14)Sealed Kitchen, laundry, toilet, and bathroom.

Maintenance requirements:

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

1. Remove loose dirt with a soft bristle broom.
2. Clean with a damp mop for everyday care.
3. Wash the floor occasionally with a gentle (non-abrasive) floor cleaner – always follow cleaning product instructions and adhere to cautions before use.
4. Do not use detergents, abrasive cleaners or “ mop and shine ” products. These may leave a dull film on your Flooring.
5. When using a vacuum cleaner, disengage the beater bar or use the “ bare floor ” setting to avoid damaging your Flooring.
6. Highly abrasive scrubbing tools are not recommended as they can damage your Flooring.
7. Never use ammonia or bleach to clean your LVT&SPC Flooring.
8. Due to the high temperatures, steam mops may cause damage to Vinyl Flooring. Review the manufacturer guidelines for your flooring before using a steam mop.
9. Make sure furniture legs are smooth and won't mar your SPC floors.
10. Replace any small, narrow, metal, or dome-shaped glides with smooth protectors that are in flat contact with the floor.
11. Place heavy-duty furniture casters or cups at the contact points of furniture or appliances you don't often move.
12. Never push, pull, or drag furniture, appliances or other items across the floor. Always lift and carry.
13. If you have to slide furniture or appliances, lay a plywood panel on your floor and “ walk ” the item across the panel.

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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