



## Class 1

### Building Product Information Requirement

Product Name:

Neptune Elite Dune Birch SPC 178 x 1235

Product Identifier:

NEPTUNEELITE2362

Product Description & Specifications:

Please ensure installation instructions are followed (printed on the back of each box). Any breach of instructions may cause performance issues and will void the product warranty.

- EXPANSION: minimum 6mm perimeter gap is required. Areas that are exposed to direct sunlight and temperatures over 40°C or subject to significant temperature fluctuations, the expansion joint should be increased to at least 10mm.
- FLOOR PREP: less than 5mm over 3m.
- SKIRTINGS must not be siliconed as this will restrict movement causing possible failure. For wet areas such as Kitchens, Laundries and WC's follow Alternative Solution installation methods available on our website.
- BATHROOMS: Whilst Neptune SPC is a completely waterproof product and globally used in wet areas, The Tile Depot advise against using in permanently wet areas such as bathrooms due to the risks associated with moisture and flooding.
- MOISTURE BARRIER: We strongly recommend the use of a vapor barrier regardless of the substrate, subfloor moisture can lead to installation failure, alkali salt build up damage to joints and a potential mould source.

PLEASE READ: Floor to ceiling windows coupled with the New Zealand sun can create floor surface temperatures over 70°C. Neptune flooring is manufactured to be stable in low and high temperatures (0-50°C). However, your floor should be protected from extreme temperatures and strong direct sunlight by the use of interior temperature and humidity control (recommended temperatures 10 - 30°C), window tinting, awnings and/or curtains/ blinds. Dramatic temperature changes and/or extreme humidity can cause joins to lip/gap and prolonged direct sunlight may cause fading.

For more information, data sheets and installation guides <https://www.tiledepot.co.nz/neptune>

<b>Finish:</b>	MATT
<b>Material:</b>	SPC
<b>Origin:</b>	CHINA
<b>Size:</b>	178 x 1235
<b>Variation:</b>	3
<b>Weight:</b>	8.4 kg per m <sup>2</sup>
<b>m<sup>2</sup> Per Box:</b>	2.19
<b>Tiles Per Pack:</b>	10

Image:



Manufacturer:

Tile Depot Approved supplier. All our manufacturers produce material to comply with the technical requirements and tolerances prescribed by ISO13006.

Legal and Trading name of the importer:

**Tile Depot LP**



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## Relevant Building Code Clauses:

### **D1 – Access Routes** Refer Section 2.0

Requires access routes to have an adequate slip resistance surface. For housing this requirement applies only to the access route on the approach to the main entrance and not inside that entrance and not on the approach to other entrances. The internal access routes of housing, including kitchens and bathrooms shall be assumed to be dry in normal use. When specifying suitability of a selected tile refer to D1 2.0 in conjunction with the slip rating of the material provided.

### **E3 – Internal Moisture**

Clause 3.1.1 references product porosity. Ceramics are a commonly accepted industry solution and porcelain tiles have a very low water absorption level (less than 0.5%). Higher porosity ceramic and natural stone products can be presented as an alternative solution. Ceramic wall tiles have an impervious glaze and a protective layer called an engobe. Natural stone can be sealed with a penetrating sealer. Grouts can be sealed or the use of epoxy grouts will minimise water penetration to the substrate. If in doubt check with the specifier prior to installation.

### **C3 – Protection from Fire**

The Building code relating to fire rating regulations and standards requires specifiers to provide documentation such as fire certificates for materials used in construction. Ceramics are in itself fire-resistant material, most being manufacturer in excess of 1200 degree Celsius. Testing and providing such certification is therefore not relevant to the ceramics industry.

Ceramics are non-combustible and they do not release fumes or toxic gases in the event of a fire. Ceramics contain no sealants, waxes or other chemicals that could release VOC's into the environment. Ceramics do not pose a risk of spreading or intensifying a fire.



Statement on how this product is expected to contribute to compliance:

D1 – Access Routes – subject to intended use, location and slip resistance properties of selected tile.  
C3 – Protection from Fire - Ceramics do not pose a risk of spreading or intensifying a fire.

Limitations on the use of this building product:

Porcelain and ceramic tiles will not perform without a suitable substrate. It is the responsibility of the specification designer and / or installer to ensure an adequate substrate prior to installation.

Refer to the individual product specifications which outline characteristics including material, surface finish, size, PEI, weight and slip rating where applicable.

Installation Requirements:

Tiles must be installed by a competent trades person. Relevant resources include:

- MBIE Guide to tolerances
- Branz Good Practice guide – Tiling
- NCTC – Tile & Tiling Guide
- BCITO training and accreditation
- Installation systems from reliable adhesive & waterproofing manufacturers

Tiles are one of the most hygienic and easily maintained wall and floor surfaces available. A simple routine clean is required regularly with suitable tile specific cleaning agents.

This product is not subject to a warning or ban under section 26 of the Building Act 2004

Version 1

Date: April 2 2025