

TimberTech Composite Decking - Edge Prime+ and Terrain Collections, Fixings

Designated Building Product: Class 1

Declaration

PSP Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022. See [Regulations](#).

Company Details:

Name	PSP Limited
Role	Supplier
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Description of Building Product

The TimberTech decking system comprises decking profiles and fixings. In addition to decking profiles, risers and fascia boards are supplied.

TimberTech Composite Decking; the Edge Prime+ and Terrain Collections, are manufactured in the USA from approximately 85% recycled polymer material including household plastic waste (eg. plastic bags, milk jugs), and reclaimed wood fibres.

The decking profiles are either capped with a polymer on 3 sides (Edge Prime+) or on all 4 sides (Terrain).

Slip Resistance - Edge Prime+: SRV 24 | Terrain: SRV 52

TimberTech Composite Decking fixings:

- TOPLoc - Carbon steel screws / 305 stainless steel screws | T20 Star Drive Bit
- TOPLoc Fascia - 305 Stainless steel screws | T20 Star Drive Bit, Fascia Drill Bit
- CONCEALoc - 305 Stainless steel clips with 305 stainless steel screws | T15 Star Drive Bit
- EDGELoc* - Glass-filled nylon clips with pre-set 305 stainless steel screws | T15 Star Drive Bit
**only compatible with Edge Prime+ boards*

Scope of Use

- For use in wind zones up to extra high as defined in NZS 3604:2011 or a permissible design wind pressure of 2.1 kPa.
- For use in all exposure zones as defined in NZS 3604:2011.
- As part of an access route or where slip resistance is required, only the Terrain Collection may be used. As defined in D1/AS1, Section 2.1 Slip resistance, providing means of complying with Performance D1.3.3 (d).
- When installed over a timber structure:
 - The maximum floor load should not exceed 2 kPa.
 - The timber structure must comply with the NZ Building Code or where existing, be of equivalent stiffness to the framing provisions as specified in NZS 3604:2011.
 - The decking boards must be fixed to supports with spacings no greater than 400mm and each board is to span at least three joists. Where the boards are to be installed diagonally or used in commercial settings, the spacing of supports must be no greater than 300mm.
 - The decking boards may be fixed at angles other than 90° to the supporting joist, but in these cases support will be required to ensure that the fixing remains at 400mm centres.

Contribution to Building Code Obligations

When used in building work, the TimberTech Edge Prime+ and Terrain collections and applicable TimberTech fixings will contribute to building work through compliance with building code obligations that apply to the product itself.

Code Clauses	Evidence	Rationale
B1 Structure <ul style="list-style-type: none"> B1.3.1 B1.3.2 B1.3.3 (a, e, f, h, j, m, q) B1.3.4 	Composite decking products: Certified compliance to ASTM D7032, ICC-ES AC174 [Intertek CCCR-0128]. Fixings: Manufactured from Carbon steel and 305 stainless steel.	ASTM D7032 is the standard specification for establishing performance ratings for wood-plastic composite decking. AC174 is an acceptance criteria for deck board spans. Intertek is third-party accredited by organisations including IAS, ANSI, IKAS and NATA.
B2 Durability <ul style="list-style-type: none"> B2.3.1 (b) B2.3.2 (b) 		NZS 3604:2011 Table 4.1 provides for 304 stainless steel use in all exposure zones. 305 stainless steel exceeds 304.
D1 Access routes <ul style="list-style-type: none"> D1.3.3 (d) 	Terrain collection only: ATTAR Test report AS 4586-2013 [Report #15084.7, 19/02/2020].	Acceptable solution AS 4586-2013 is cited in D1/AS1, Section 2.1. ATTAR is third-party accredited by NATA.
F2 Hazardous Building Materials <ul style="list-style-type: none"> F2.3.1 	TimberTech SDS [V1.0, 11/02/2015].	No evidence of hazardous materials in connection with advanced PVC decking. NZS 3604:2011 Table 4.1 provides for 304 stainless steel use in all exposure zones. 305 stainless steel exceeds 304.

Additional Information

The system must be designed, specified, installed, and maintained with all of PSP Limited requirements.

For all design, installation, and maintenance-related information and for information supporting PSP Limited claims, refer to www.psp.co.nz.

Responsible Person

In accordance with Regulation 8, as the responsible person, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's processes and is, therefore, to the best of my knowledge, correct.

I can also confirm that TimberTech branded products referred to in the document are not subject to a ban or warning under s26 of the [Building Act](#).

Signed for and on behalf of PSP Limited



Natalie Jeans
General Manager