

TimberTech - Advanced PVC & Composite Decking

Description

TimberTech Decking, made from Advanced PVC or Composite materials, offers a durable, low-maintenance alternative to traditional wood decking with high resistance to weathering, fade and stain.

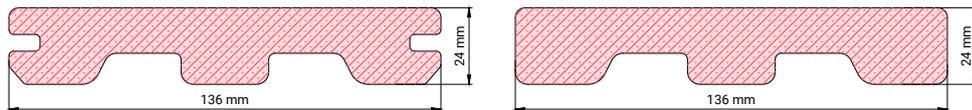
TimberTech Composite Decking; the Edge Prime+ and Terrain Collections, are manufactured from approximately 85% recycled polymer material including household plastic waste (e.g. plastic bags, milk jugs), and reclaimed wood fibres. The composite boards include a durable polymer protective capping for moisture resistance; Edge Prime+ is capped on 3 sides and the Terrain boards are capped on 4 sides. The Composite decking system includes matching risers, fascia boards, and various fixing options including face-fixed screws and hidden fastener systems.

TimberTech Advanced PVC Decking; the Harvest, Landmark and Vintage Collections, are manufactured from approximately 60% recycled polymer material including post-construction waste like vinyl siding and trims. The Advanced PVC boards do not include any timber fibre and is barefoot-friendly; staying up to 16.8°C cooler than competitive products. Advanced PVC decking is installed using Cortex fixings and Material-matched plugs.

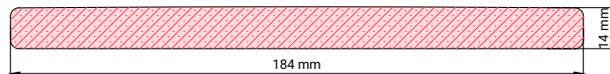
Profile Drawing

TIMBERTECH COMPOSITE

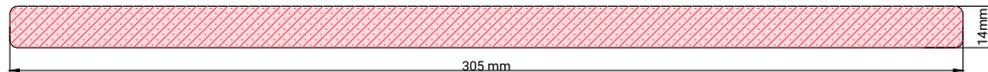
Scalloped Boards
Grooved Shoulder/
Square Shoulder



Riser Board
Square Shoulder

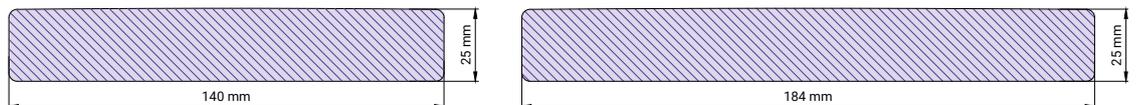


Fascia Board
Square Shoulder



TIMBERTECH ADVANCED PVC

Solid Board
Square Shoulder



Features

- Manufactured using recycled materials
- Will not crack, rot, split, or splinter
- Stain & fade resistant
- Minimal maintenance

Scope of Use (continued on next page...)

- 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 specified in Section 4.2 in NZS 3604:2011.
- As part of an access route or where slip resistance is required, only the Harvest, Vintage, and 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 as per the minimum requirements of NZS3604. For higher load capacities, please refer to Paragraph 4.0 of the [Code Compliance Research Report \(CCRR\)](#) for data to support a Specific Engineering Design (SED).
- 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.

Limitations

- TimberTech must not be installed in areas where there is risk of exposure to uncontrolled fire pits and other portable fire sources.
- TimberTech Advanced PVC decking is not suitable for use as a floating deck; do not attach to a floating substructure that is not mechanically fastened sufficiently to the building or roof deck.
- The EdgeLoc Hidden Fixing System is only compatible with TimberTech Composite Edge Prime+ boards.

Product Range

TIMBERTECH COMPOSITE

Collection	Thickness	Width	Length
Edge Prime+	24mm	136mm	4800mm
			6000mm
Terrain	24mm	136mm	4800mm
			6000mm

COMPOSITE Additional products:

- **CONCEALoc Groove Cutting Router** - Used to groove first and last TimberTech Composite (Square Shoulder) boards
- **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
- **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

TIMBERTECH ADVANCED PVC

Collection	Thickness	Width	Length
Harvest	25mm	184mm	4800mm
			6000mm
Landmark	25mm	140mm	4800mm
			6000mm
Vintage	25mm	140mm / 184mm	4800mm
			6000mm

ADVANCED PVC Additional products:

- **Cortex Screw** - Carbon steel screws / 305 stainless steel screws with material-matched plug | T20 Star Drive Bit

Additional products:

- Pro-Tac Flashing and Joist Tape - An all weather, flexible self adhesive butyl tape with PET liner
- DeckMate Spacer Tool - Assists in achieving consistent and uniform deck board spacing, particularly with top-down fasteners
- TimberTech DeckCleaner - A non-toxic, bleach-free, and biodegradable cleaning formula

Physical Properties

Slip Resistance - Composite	Edge Prime+	SRV 24	AS 4586:2013
	Terrain	SRV 52	AS 4586:2013
Slip Resistance - Advanced PVC	Harvest	SRV 42	AS 4586:2013
	Vintage	SRV 53	AS 4586:2013
	Landmark	Not assessed	

Basis of Product Data

All technical data stated in this Product Data Sheet are based on testing of TimberTech Advanced PVC and Composite Decking provided by the manufacturer. For more technical information, refer to Code Compliance Research Reports: CCRR-0101 [19/05/2024], CCRR-0128 [02/07/2024].

Local Restrictions: please note that as a result of specific local regulations the performance of this product may vary from country to country.

Additional Information

The system must be designed, specified, installed, and maintained with all of PSP Limited requirements. Details may be subject to change without notice, for the latest design, installation, and maintenance-related information, refer to www.psp.co.nz.