

TARIMATEC DECKING · CANADA

Installation Guide

Key numbers at a glance

This sheet summarises the dimensions, spacings and fixings an installer needs before starting. It is a Zinodeck English summary of the Tarimatec Manual Técnico 2023 (ed. 10/11); the Spanish manual governs in every case.

THE FIVE NUMBERS

Joist spacing 350 mm or less · anchors at 500 mm centres or less · 25 hidden clips per m² · screws 4.2 × 25 mm · end gaps 5 / 6 / 10 mm by board length.

Aluminium substructure

- Joist profile: A 30 × 50 in aluminium alloy EN AW 6005 T6.
- Joist spacing: 350 mm or less, centre to centre.
- Reduce spacing to 250 mm or less in tropical and high-humidity conditions.
- Anchors fixing the joists to the slab: 500 mm centres or less.

Fixing and clips

- Hidden clip “H” in AISI 304L stainless steel.
- Use AISI 316L clips in saline or coastal environments.
- 25 clips per m².
- Screws: DIN 7504P A2, 4.2 × 25 mm.

Expansion gaps

End-gap allowances keyed to board length, per the Tarimatec Manual Técnico 2023. Leave the gap at every board end; confirm on site against the actual cut length and the expected temperature range.

Board length	End-gap allowance	Typical use
Up to 2,000 mm	5 mm	short runs and cut lengths
2,500 mm (standard board)	6 mm	standard deck board
Up to 4,000 mm (custom)	10 mm	long custom boards, supplied for larger decks

The board's thermal expansion is $2.81 \times 10^{-5} / ^\circ\text{C}$ (UNE 53126).

Wood-joist alternative

Where an aluminium substructure is not used, the Manual Técnico permits a treated-timber build-up under the following rules.

- Timber joists: 70 × 30 mm, treated.
- Cross-joists at 1,000 mm or less.
- Supports at 250 mm or less.
- Never use polyurethane (PU) foam anywhere in the build-up.

DO NOT USE PU FOAM

Polyurethane foam must not be used anywhere in the deck build-up — not as packing, not as levelling, not as an adhesive. This applies to both the aluminium and the timber substructure.

Ventilation, drainage and fall

- The deck needs ventilation and drainage underneath; never close the build-up off on all sides.
- Keep the gap between the slats free of organic matter so water and air can move through.
- Lay the deck to a fall so that water runs off and does not pond. Standing water evaporates and leaves visible rings — these are normal for the material and are covered in the Care & Cleaning guide.

FULL INSTALLATION MANUAL

Full installation manual (Spanish, 2023 edition) — the complete Tarimatec Manual Técnico is available on request from Zinodeck: info@zinodeck.com.

Request it at <https://www.zinodeck.com/resources> or by email at info@zinodeck.com.

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