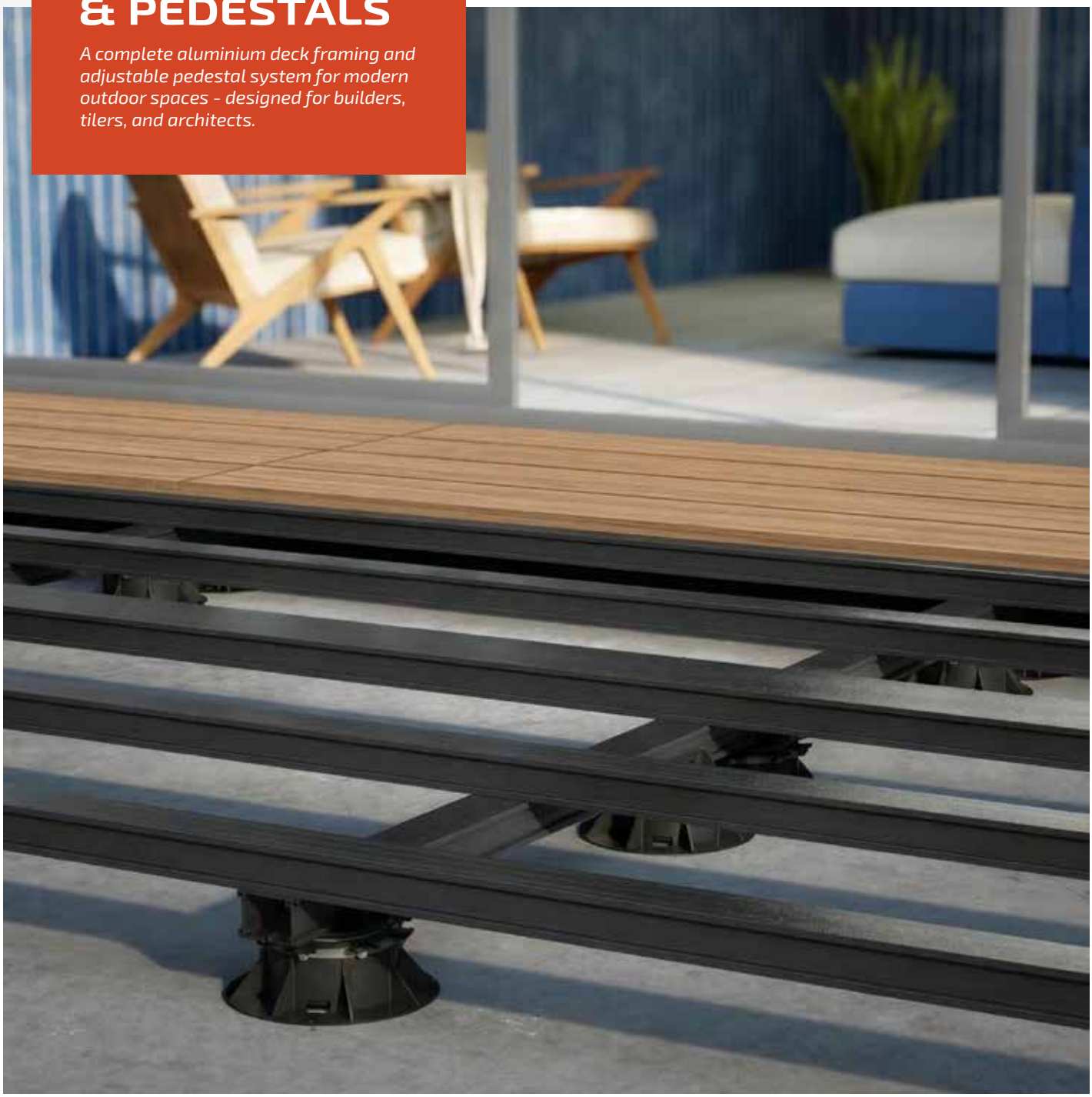
TREADFRAME + TREADJACK

ALUMINIUM DECK FRAMING & PEDESTALS

A complete aluminium deck framing and adjustable pedestal system for modern outdoor spaces - designed for builders, tilers, and architects.

Build Smarter.



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TREADTECH

ALUMINIUM DECK SUBFRAME. A PRODUCT BY UNEX.



Quick to Install, Hidden Strength, Built to Last

TreadTech is a complete aluminium deck framing system for decks, balconies, pool surrounds, and rooftop applications. Combining height-adjustable deck pedestals (TreadJack) with a strong aluminium subframe (TreadFrame), the system delivers a rot-free, durable solution engineered for New Zealand conditions.

The TreadFrame and pedestal combination can accommodate almost any height from 50 mm upwards (excluding decking thickness), with 115 mm and above being the ideal range for a cost-effective solution.

TreadTech ensures a precise, level installation across both residential and commercial projects. Backed by a 10-year residential warranty and supported by UNEX Systems' 40+ years of expertise, it provides a reliable foundation for modern outdoor spaces.

DECK PEDESTALS - TREADJACK

TreadJack adjustable pedestals create perfectly level outdoor surfaces, even over uneven or sloping substrates. Suitable for tiles, pavers, composite, and timber decking, they provide reliable structural support across applications including balconies, rooftop decks, terraces, and patios.

When paired with the 65 mm joist cradle (KJD2-CR065), TreadJack pedestals deliver a strong, level, and NZ Building Code-compliant foundation.



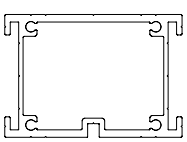
ALUMINIUM DECK SUBFRAME - TREADFRAME

The TreadTech aluminium deck subframe (TreadFrame) provides strength and stability for timber, composite, and tiled decks. Manufactured from corrosion-resistant aluminium, it supports fast installation, slope correction, and easy access to drainage and services.

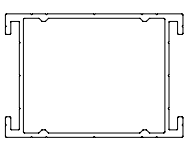
A comprehensive range of components and extrusions, supported by technical guidance and design support, ensures a seamless installation and an ideal outcome.



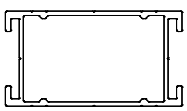
AVAILABLE JOIST AND BEARER SIZES:



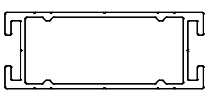
KEFH Bearer
65 mm W x 45 mm H



KEFS Joist
65 mm W x 45 mm H



KEFM Joist
65 mm W x 35 mm H



KEFL Joist
65 mm W x 25 mm H

FEATURES:

- Ventilation and access for improved airflow and easy access to drains and services
- Simple configuration for fast installation and reduced labour time
- Engineered for high load capacity, supporting long-term safety and durability
- Customisable system with a wide range of profiles, crossbars, and connectors
- Manufactured in accordance with New Zealand Building Code requirements for deck membrane applications
- Available New Zealand-wide.

ADJUSTS & SLOPES

Our deck pedestals offer adjustable heights ranging from 23mm to 785mm, providing versatility for various deck elevations. The slope functionality accommodates different terrains, ensuring a level deck surface.

ROT-FREE DURABILITY

Our Deck Framing is crafted from anti-rust aluminium that withstands the elements, ensuring your deck framing maintains its quality over time.

TECHNICAL SUPPORT

TreadTech's bespoke design service and technical support streamline your project from conception to completion. We offer tailored solutions and technical support, ensuring a seamless installation and an ideal outcome.

10 YEAR WARRANTY

Our commitment reflects confidence in the durability and reliability of our products. Enjoy peace of mind with a 10-year warranty.

40 YEARS OF EXPERTISE

Trust TreadTech, powered by UNEX Systems' legacy of quality since 1981, for all your deck framing and balustrade requirements. Save time with a single supplier dedicated to excellence.

Visit our website to explore the full TreadTech system range.

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