

## Introducing DuoLift – Height Adjustable Modular Joist Cradles for Ultra Low Decks

The DuoLift joist pedestal system was designed to make installation significantly easier, providing substantial height flexibility within four stackable components. DuoLift removes the common problem of having to order varying height pedestals for a single area.

- Height-adjustable from a low 15mm profile with huge adjustment range of 45mm.
- Strong construction for improved spans and fewer cradles required.
- For use with H3 or H4 Treated Pine Joists or Hardwood up to 68mm Wide and compatible with LOWDECK Joists or Millboard's Aluminum DuoSpan Joists.
- DuoLift offers a perfect solution for installations on concrete slabs, rooftops, balconies and over waterproof membranes.

The DuoLift Joist Cradle can be used by itself for Ultra Low Height installs or optionally extended with the modular accessories to achieve self-leveling functionality and additional height ranges up to 350mm.



**Universal support for all frame types.**



**Side tabs twist to align with solid joists for a screw fixing.**



## DuoLift Joist Cradle 15mm – 60mm

Providing an exceptional height adjustability range of 45mm and a low profile 15mm starting height. DuoLift Joist Cradles offer precision adjustment where each quarter turn of the ring represents a 1mm rise or fall.

The Joist Cradle allows the installer to adjust the height whilst the joist is in place and pilot holes in the tabs allow the joist to be fixed in place once in position.

DuoLift Cradles can be used by themselves or modularly extended to achieve self-levelling functionality and heights up to 350mm.



## DuoLift Self-Levelling Joint 20mm

Adding 20mm to the height of the Cradle, the DuoLift Self-levelling Joint clips in to provide an easy and effective levelling of a subframe up to 5° degree.



## DuoLift Riser 45mm

The DuoLift Risers add height in 45mm increments and must be attached to the Self-Levelling Joint. You may use up to 2 Risers before a DuoLift Foot is needed, and up to 5 Risers with the Foot as the base.



## DuoLift Foot 45mm

The DuoLift Foot provides a very stable footing for more elevated subframes, raising the height by 45mm and spreading the load across its 220mm wide base.



## DuoLift Acoustic Separation Pad 3mm

Agglomerated cork and recycled rubber pads offer a layer of protection between joist supports and membranes, as well as providing an acoustic benefit.



# LOWDECK



FINALLY TIMBER BEARERS & JOISTS  
MADE FOR **ULTRA LOW** DECKS.

**H4**

ON GROUND  
APPROVED

**GL8**

STRUCTURAL  
STRENGTH

**2x**

PRIMER  
SEALED

**50**

YEAR TREATMENT  
GUARANTEE\*

\*50 Year Limited Warranty on Koppers MicroPro® Wood Treatment Technology against rot & insect attack.

# Why use LOWDECK?



Framing timbers on the ground or lower than 150 mm should be termite resistant and in-ground durability Class 1 or treated to **H4 or better**.

(Source: Technical Design Guide - Forest & Wood Products Australia - Domestic Timber Deck Design)

## LOWDECK is designed to last.

Treated to H4 with Koppers Micro® Timber Treatment Technology, LOWDECK is protected from fungal decay, termites & insect attack. Suitable for ground contact use and supported by a treatment warranty of 50 years. Engineered GL8 structural grade (roughly F7 equivalent) and double sealed with a high-quality oil-based primer to provide further protection.

LOWDECK is an affordable, easy to work with alternative to steel or aluminium and is a smart upgrade from regular H3 Treated pine joists.

## Joist & Bearer Sizes

SIZES	3.6m	5.4m
44 x 30 LOWDECK H4 GL8 2x Primed	✓	✓
44 x 44 LOWDECK H4 GL8 2x Primed	✓	✓
68 x 44 LOWDECK H4 GL8 2x Primed	✓	✓
88 x 44 LOWDECK H4 GL8 2x Primed	✓	✓
138 x 44 LOWDECK H4 GL8 2x Primed	✓	✓

## Deck Joist Spans

Residential - Continuous across 2 or more spans			
Maximum span - Live Load 2.0kPa / N2 W33			
Size	Deck joist spacing		
	300	400	450
44 x 44	600	600	550
68 x 44	1100	950	900
88 x 44	1400	1200	1100
138 x 44	2000	1950	1800

Commercial - Continuous across 2 or more spans			
Maximum span - Live Load 4.0kPa / N2 W33			
Size	Deck joist spacing		
	300	400	450
44 x 44	500	500	450
68 x 44	900	800	800
88 x 44	1200	1100	1000
138 x 44	1800	1700	1600

- 1 GL8 grade timber used (refer to NZS3604)
  - 2 Timber treatment H4 (dry in service)
  - 3 Deck supporting up to 25mm thick timber decking
- Full span information is available on request.

## Get the full Spans & Specifications

Scan or visit the website to see installation guides, full span tables including residential & commercial loadings.



[www.timberdistributors.com.au/lowdeck](http://www.timberdistributors.com.au/lowdeck)

## Joist Cradles & Pedestals

- 15mm - 60mm DuoLift Joist Cradle
- 20mm DuoLift Self-Levelling Joint
- 45mm DuoLift Riser
- 45mm DuoLift Joist Foot
- 3mm DuoLift Acoustic Separation Pad

DuoLift®



15mm - 60mm DuoLift Cradle

20mm Self Leveler



45mm Riser

45mm Foot

