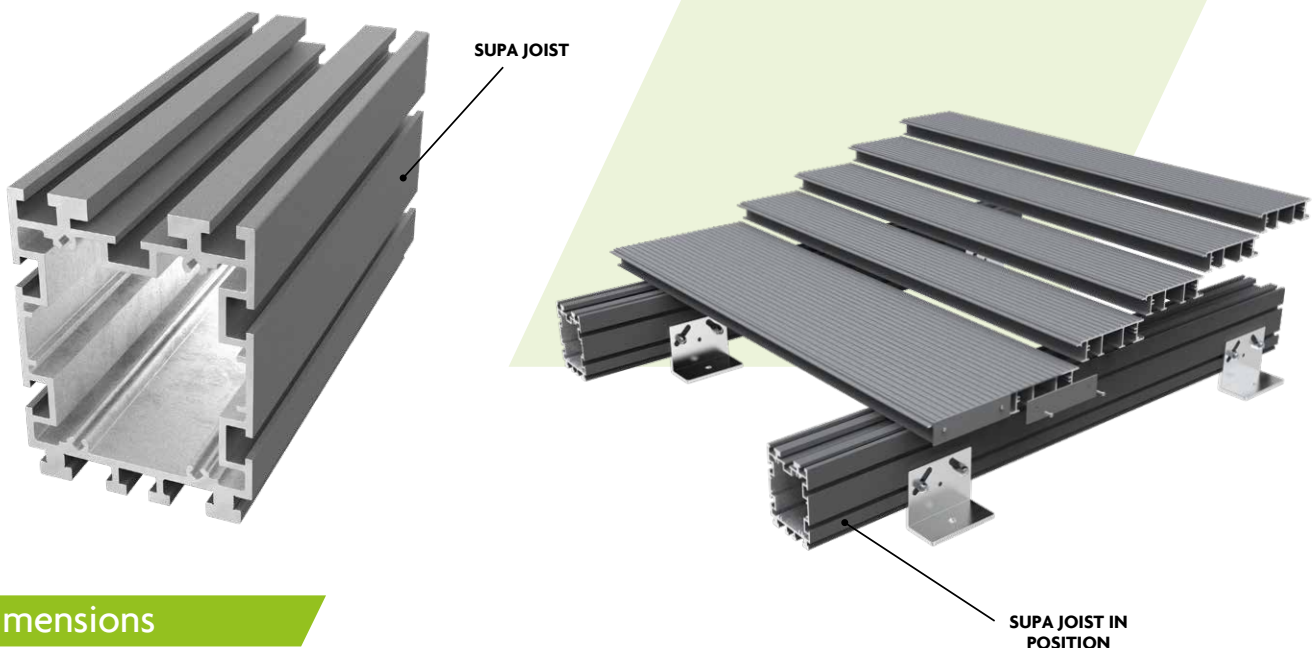


Ali-Deck SUPA JOIST

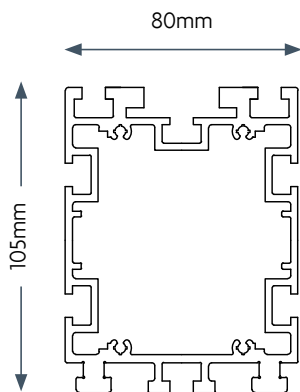
Specification Datasheet

The **Ali-Deck Supa-Joist** is an integral part of the Ali-Deck System! This clever extrusion is designed to act as both a support post and big span joist.

The connection plates allow for super fast installation and can be adjusted to suit most applications and conditions. It has also been designed to be connected together to give additional strength for applications where larger spans are required.



Dimensions



Benefits include:

- Increased span capabilities against timber or composite
- Increased spans by over 300%
- All aluminium
- Quick and easy to install
- Low maintenance
- Recyclable
- Stable in all weather conditions

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 **AL:DECK**™
Aluminium Decking

Decking Joist Spans

DOMESTIC Joist Component Disposition

STANDARD SPECIFICATION 1/350
FIRM SPECIFICATION 1/480
LOAD 1.5kN SQM

CENTRE LINE OF JOIST

JOIST SPANS - BETWEEN SUPPORTS

		600	1000	1200	1500	2000
SINGLE JOIST SINGLE JOIST	STANDARD specification:	3600	3100	3000	2700	2500
	FIRM specification:	3200	2800	2700	2500	2300
DOUBLE JOIST DOUBLE JOIST	STANDARD specification:	5000	4200	4000	3800	3400
	FIRM specification:	4500	3800	3600	3400	3100

COMMERCIAL Joist Component Disposition

STANDARD SPECIFICATION 1/350
FIRM SPECIFICATION 1/480
LOAD 4.0kN SQM

CENTRE LINE OF JOIST

JOIST SPANS - BETWEEN SUPPORTS

		600	1000	1200	1500	2000
SINGLE JOIST SINGLE JOIST	STANDARD specification:	2600	2300	2200	2000	1800
	FIRM specification:	2400	2100	2000	1800	1700
DOUBLE JOIST DOUBLE JOIST	STANDARD specification:	3600	3100	3000	2800	2500
	FIRM specification:	3300	2800	2700	2500	2300

Colour Options

The Supa Joists are available in two colours as shown to the right; textured silver grey and textured sand. Other colours are available on request.

The joists can be supplied without a powder coated finish to achieve the A1 fire rating and would therefore be a natural aluminium colour and appearance.



Warranty

The Supa Joist is supplied with a **30 year warranty** against splitting, cracking, warping, splintering, rotting, twisting and material or manufacturing defects. It has a minimum **60 year life** expectancy.



INCREASED SPAN
CAPABILITIES AGAINST
TIMBER OR COMPOSITE
OPTIONS BY OVER 300%



ALL ALUMINIUM



**QUICK AND EASY
TO INSTALL**



**COLOUR MATCHED
TO THE DECK
BOARDS**



**LOW
MAINTENANCE**



RECYCLABLE



**STABLE IN ALL
WEATHER
CONDITIONS**

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