



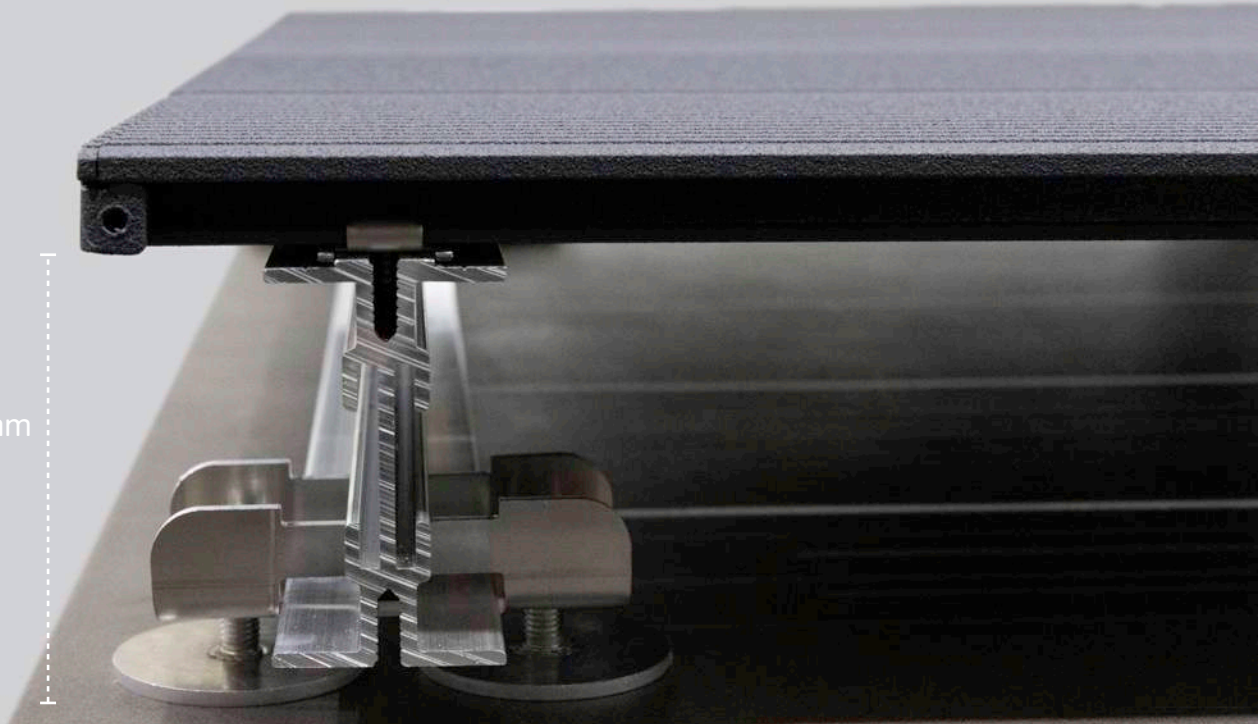
AR-Deck is a 100% aluminium decking system, comprising of deckboards with a fully adjustable pedestal and joist sub-frame. The patented pedestal has an in-built slope correction facility of up to 5% meaning that uneven groundworks or fall requirements are easily accommodated without the need for additional products.

Designed and manufactured in Britain, AR-Deck has been developed specifically to meet the requirements for non-combustible materials on balconies and other outdoor spaces, delivered at a competitive price and short lead times.

Available in three standard colours, the non-slip deckboards can also be supplied to match any RAL colour, and with a life expectancy extending beyond 20 years, AR-Deck offers a safe, hard-wearing, sustainable solution that will complement any scheme for many years to come.



20-165mm



A2 Fire-Rated



Non-Combustible



Quick Installation



Lightweight



Slip-Resistant



Self Draining



UV Resistant



Chemical Resistant



Maintenance Free



Temperature Resistant



SUB-FRAME TECHNICAL INFORMATION



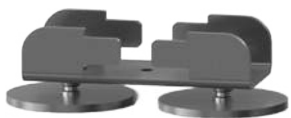
Slope Correction of up to 5% possible with all pedestal models.
 Build up range is 28mm - 165mm, excluding deckboards, depending on combination of pedestal model and joist.

	Build up including joist (excl. deckboards)	Joist	Pedestal
High ↑ Build up ↓ Low	128mm-165mm	120mm	PED50
	105mm-128mm	100mm	PED50
	79mm-105mm	70mm	PED50
	59mm-78mm	50mm	PED50
	41mm-58mm	20mm	PED20XR
	28mm-40mm	20mm	PED20

Tech Specs

- Weight: 95 grams (PED20)
- Material: Aluminium 5251 H22
- Minimum height: 8mm from floors to understand of joist
- Rated load capacity: 500kg
- Fire classification: **A1 (100% aluminium construction)**

Pedestal & Joist Range



PED20
 For use with 20mm joist
 Adjustable range 12mm

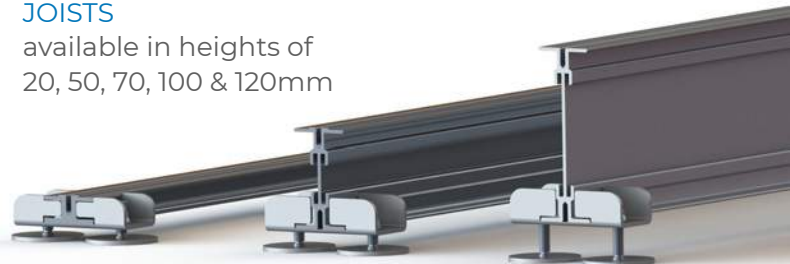


PED20XR
 For use with 20mm joist
 Adjustable range 22mm



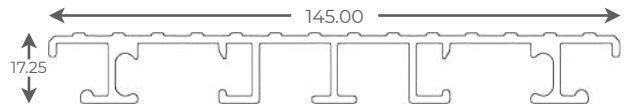
PED50
 For use with 50, 70, 100 & 120mm joists
 Adjustable range 35mm

JOISTS
 available in heights of
 20, 50, 70, 100 & 120mm





DECKBOARD TECHNICAL INFORMATION



- Anthracite** RAL7016
- Black Slate** RAL 9005
- Cedar** RAL 1019
- Any RAL colour with minimum order

The system has a life expectancy of over 20 years and is a truly sustainable solution made from recycled & 100% recyclable aluminium

Technical Data

Weight	9.74kg/m ² (Boards only)
Material	Aluminium 6063 T6, EN755/9
Anti slip pendulum test	BS 7976-2:2002
Rated load capacity	29.7o—R12 (Safe), DIN 51130:2014
Fire classification	A2FL-s1 , EN 13501-1:2018
Loading deflection (kN / m ²)	

