



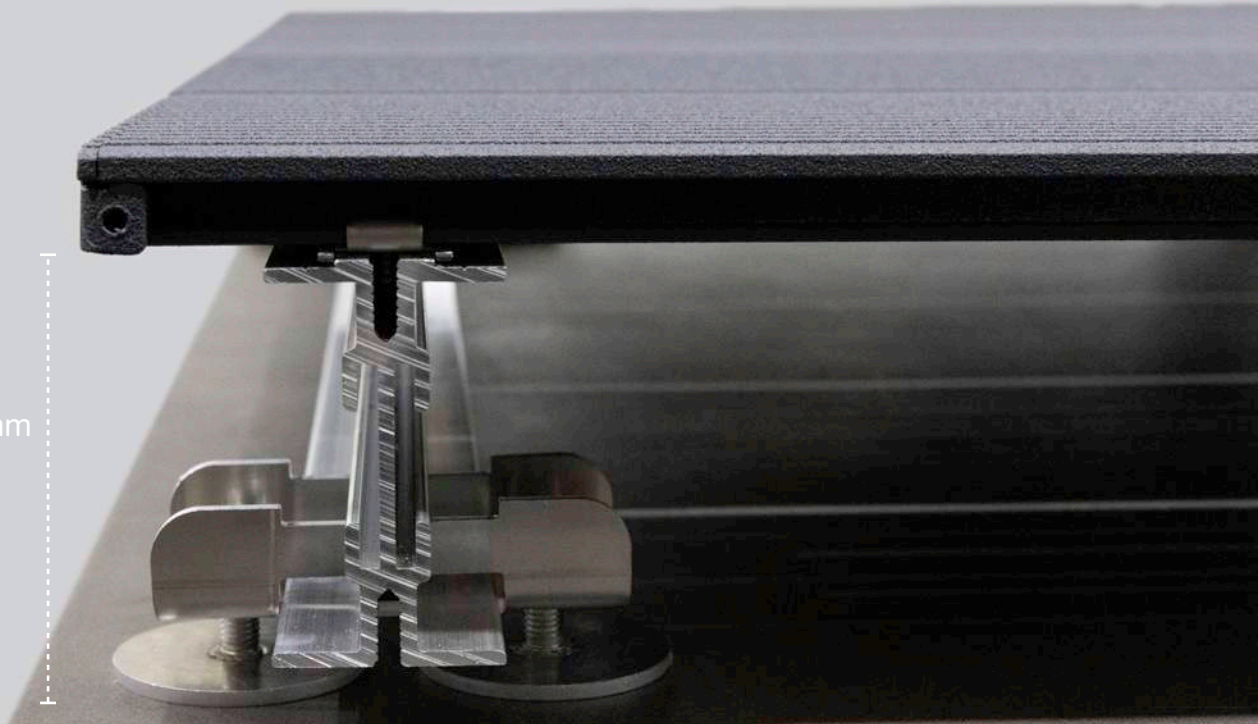
AR-Deck is a 100% aluminium decking system, comprising of deckboards with a fully adjustable pedestal and joist sub-frame. The patented pedestal has an in-built slope correction facility of up to 5% meaning that uneven groundworks or fall requirements are easily accommodated without the need for additional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



28-165mm



A2 Fire-Rated



Non-Combustible



Quick Installation



Lightweight



Slip-Resistant



Self Draining



UV Resistant



Chemical Resistant



Maintenance Free



Suitable For Use In
Temperatures From
-30°C to +90°C



SUB-FRAME TECHNICAL INFORMATION



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

- 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

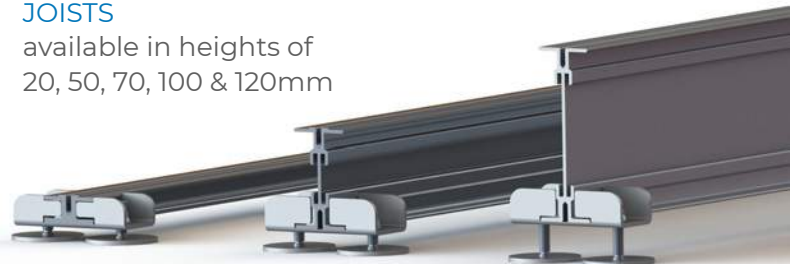


PED20XR
For use with 20mm joist
Adjustable range 22mm



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

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



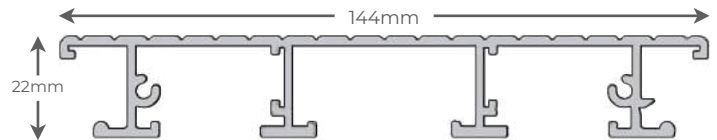


DECKBOARD TECHNICAL INFORMATION



Black Slate Cedar Anthracite

Available in 3 standard colours
Powder coated minimum 100 microns



Black Slate RAL 9005

Cedar RAL 1019

Anthracite RAL 7016

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
Drainage	Complies with BS 8579:2020 Guide to the design of balconies and terraces - 6-8mm drainage clearance

Loading deflection (kN / m²)

