

CLASS A1 NON-COMBUSTIBLE DECKING SYSTEM: ZERODECK with A-PED SYSTEM

ZERODECK is a non-combustible decking system comprising of the **A-PED-SYSTEM** (adjustable pedestals & joists), and ZERODECK deckboards and accessories.

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 and has been designed with a large load spreading base plate meaning that membranes or waterproofing will not be compromised.

Engineered from mineral composite, ZERODECK has been specifically designed to meet the requirement for non-combustible materials on balconies and other outdoor areas and to offer a quality alternative to timber substitutes such as aluminium decking. Slip-resistant and splinter-free, it feels good under-foot and will stay cool even in the summer heat.

Available in 150 x 2440 x 25mm boards and 3 wood-grain colours, ZERODECK can be clip-fixed to the compatible joists or surface-mounted like a traditional deck.



A1 Fire-Rated



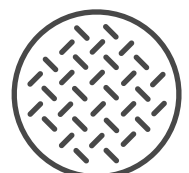
Non-Combustible



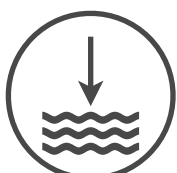
Quick Installation



Maintenance Free



Slip Resistant



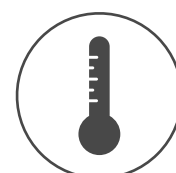
Self Draining



UV Resistant



Chemical Resistant

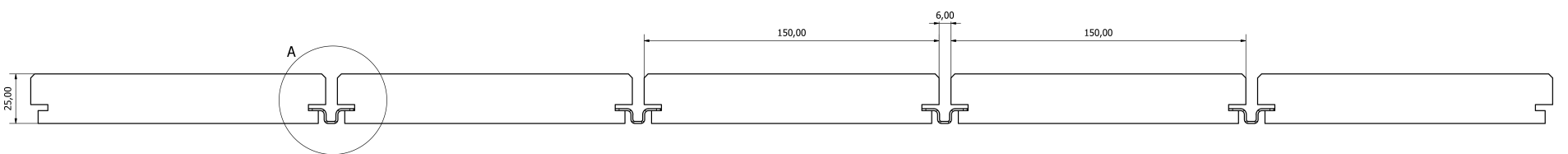
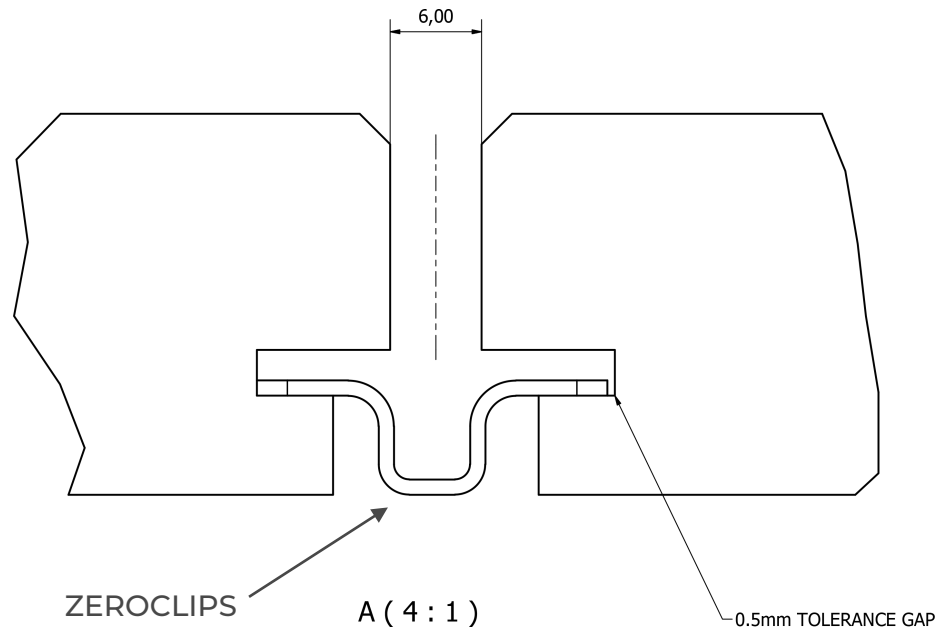


Suitable for use in
temperatures from
-30°C to +90°C

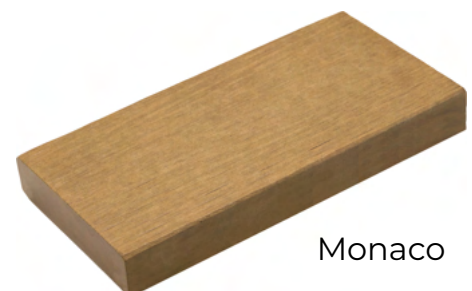
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Technical Data

Dimensions	150 x 2440 x 25mm
Weight	5.95kg / lm 38.4kg / m ²
Density	1.5g/cm ³
Flexural strength	20MPa
Point load@400 ctrs	>3KN as per BS EN 1991-1-1
Point load@300 ctrs	>4KN as per BS EN 1991-1-1
Distributed load@400 ctrs	>4KN as per BS EN 1991-1-1
Distributed load@300 ctrs	>5KN as per BS EN 1991-1-1
Finish	Matt wood grain
Fire performance	Euroclass A1 to EN 13501



Board Colours



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A-PED SYSTEM

Adjustment Ranges

FFL range is 78 – 440mm depending on combination of pedestal model and joist.
Please contact us if you have a requirement for smaller or larger voids.

A-PED Model *	With A-PED-JOIST-20 and ZERODECK
A-PED-33-48	78 - 93mm
A-PED-48-65	93 - 110mm
A-PED-57-82	102 - 127mm
A-PED-72-117	117 - 162mm
A-PED-105-150	150 - 195mm
A-PED-140-185	185 - 230mm
A-PED-175-220	220 - 265mm
A-PED-210-255	255 - 300mm
A-PED-245-290	290 - 335mm
A-PED-280-325	325 - 370mm
A-PED-315-360	360 - 405mm
A-PED-350-395	395 - 440mm

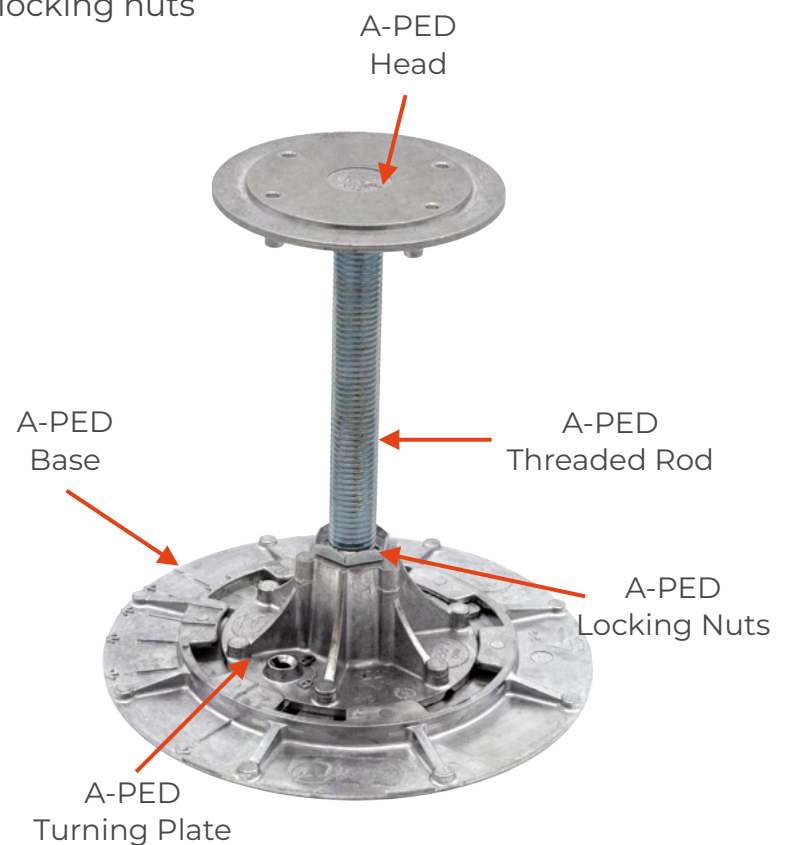
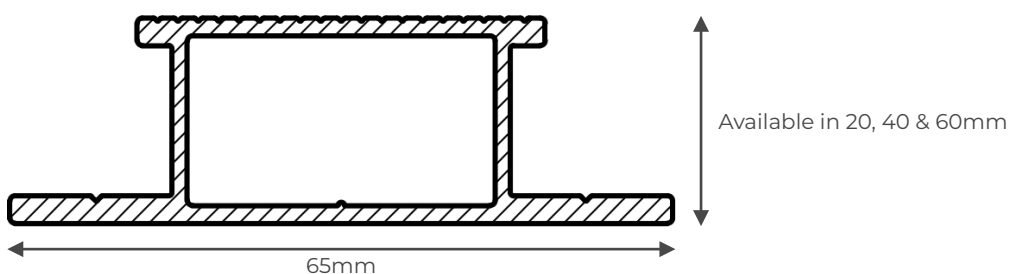
* Smaller pedestals available without slope correction available on request.

A-PED Pedestal Technical Specs:

A-PED Base	Large 170 mm diameter, self draining, even load distribution, aluminium
Slope Corrector	Integrated, Adjustable in 0.5% increments , to 5%.
Slope Corrector Lock	Pedestal slope correction can be locked if required, using locking pin.
A-PED Head	Large 90 mm diameter head, aluminium
Threaded Rods	16mm zinc-coated, with zinc coated M16 locking nuts
Fire Classification	Euroclassification A1
Load Capacity	>2000 Kg

A-PED-JOIST Aluminium Joist Technical Specs:

Joist Height	Available in A-PED-JOIST-20 : 20mm
Fire Classification	Euroclassification A1



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JOIST CENTRES

Recommended distance between A-PED-JOISTS for weight loads – centre to centre:

- Commercial settings 350-400mm
- Domestic settings 600mm

Boards must span two bays i.e. be attached to a minimum of 3 joists.

PEDESTAL CENTRES

- A-PED-JOIST-20 400mm

