

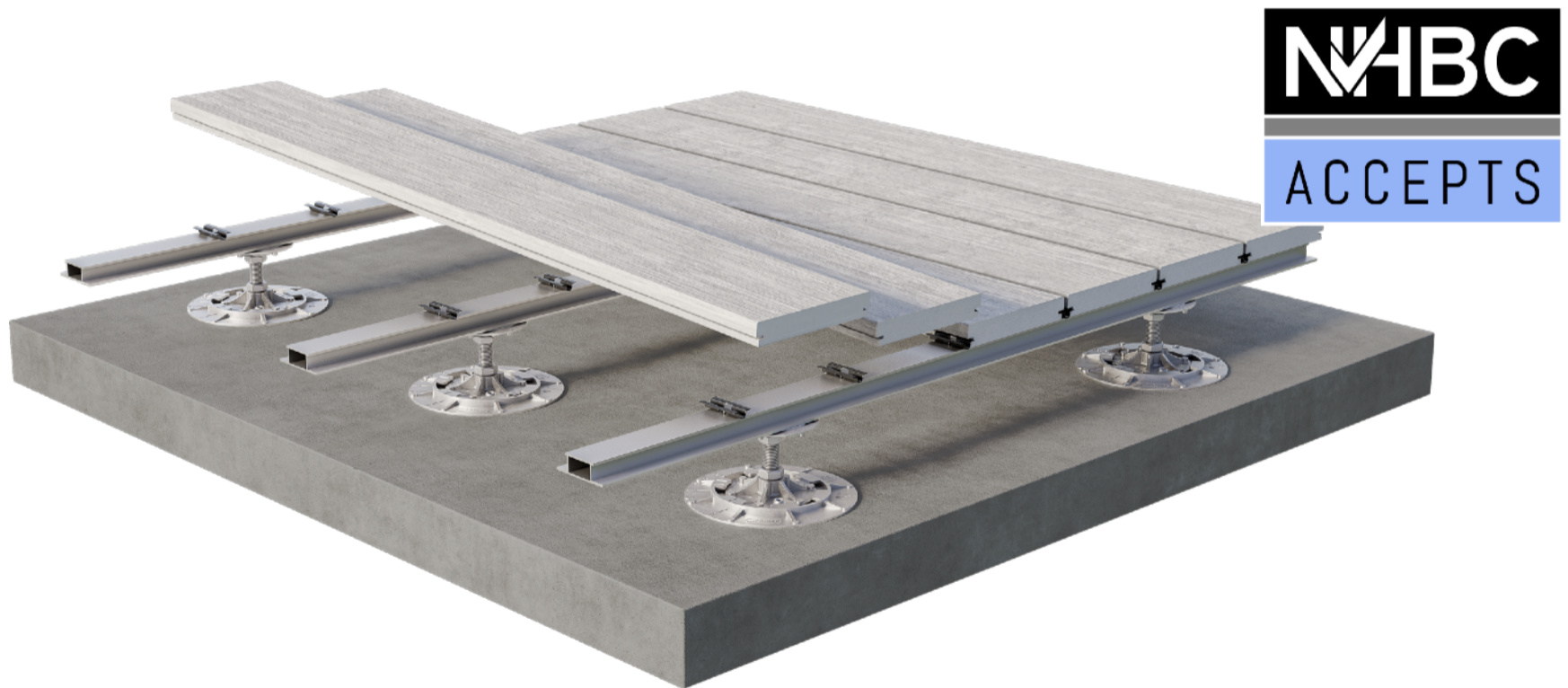
CLASS A1 NON-COMBUSTIBLE DECKING SYSTEM: ZERODECK with A-PED SYSTEM

ZERODECK is a non-combustible decking system comprising of the **A-PED-SYSTEM** (adjustable pedestals & joists), and ZERODECK deckboards and accessories. The system from Alfresco Floors is the first external flooring system to be certified by NHBC Accepts and continues to pave the way for a safer and more closely regulated build environment.

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 underfoot and requires minimal maintenance.

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



A1 Fire-Rated



Non-Combustible



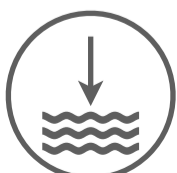
Quick Installation



Maintenance Free



Slip Resistant



Self Draining



UV Resistant



Chemical Resistant



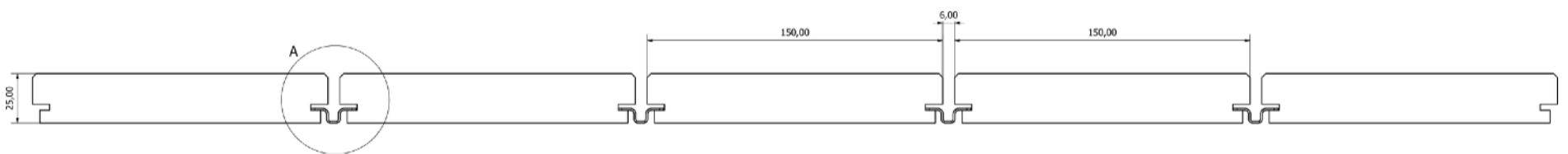
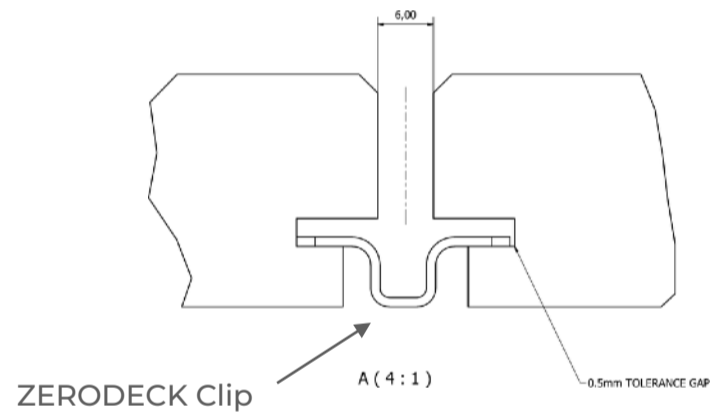
Suitable for use in temperatures from -30°C to +90°C

Technical Data

Dimensions	25 x 150 x 2440mm
Weight	5.95kg / 1m 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

Slip resistance results generated using a BS 7976 Munro Portable Skid Tester
Pendulum Slip Test Results - Lowest PTV:

Test Condition:	Dry	Wet
Bali	62	48
Cayman	61	37
Monaco	59	39



Board Colours



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
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

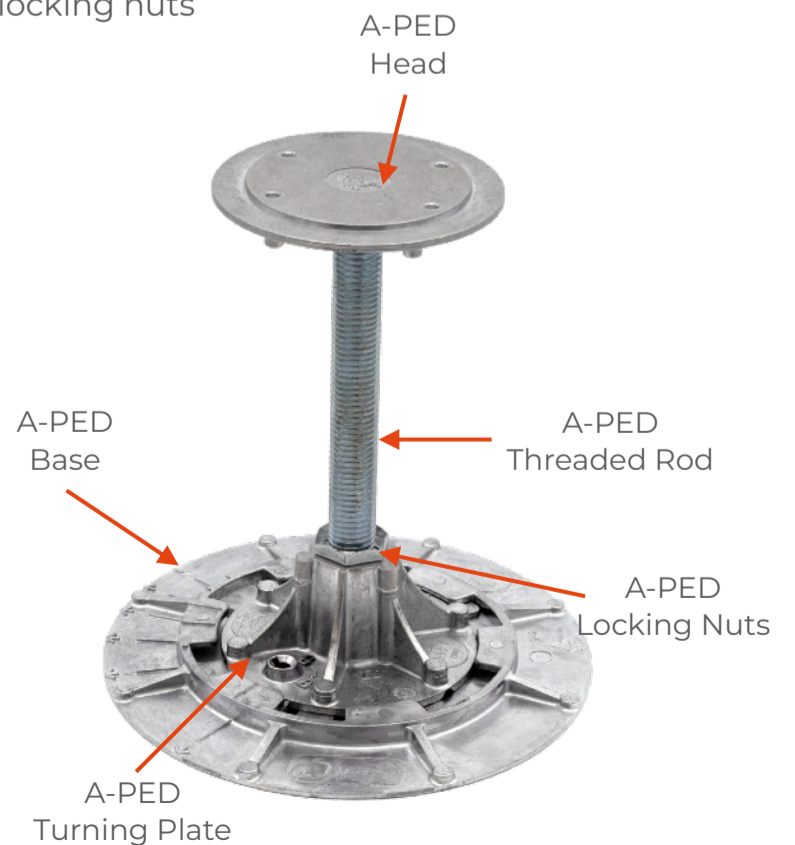
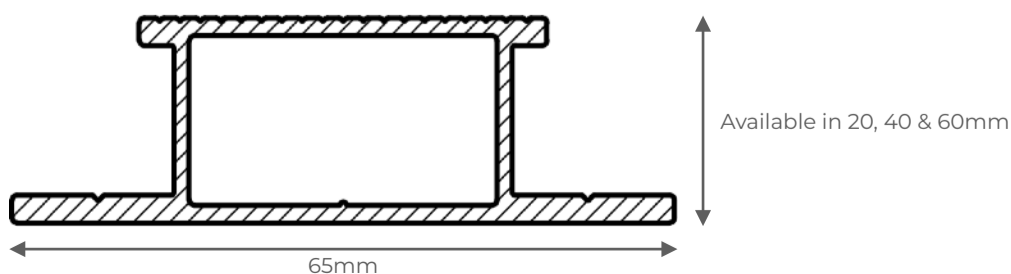
* Smaller pedestals available without slope correction available on request.

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 key
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



JOIST CENTRES

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

- Commercial settings 400mm
- Domestic settings From 600mm

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

PEDESTAL CENTRES

- A-PED-JOIST-20 400mm
- A-PED-JOIST-40 800mm

