



Zerodeck Composite

Technical Data Sheet

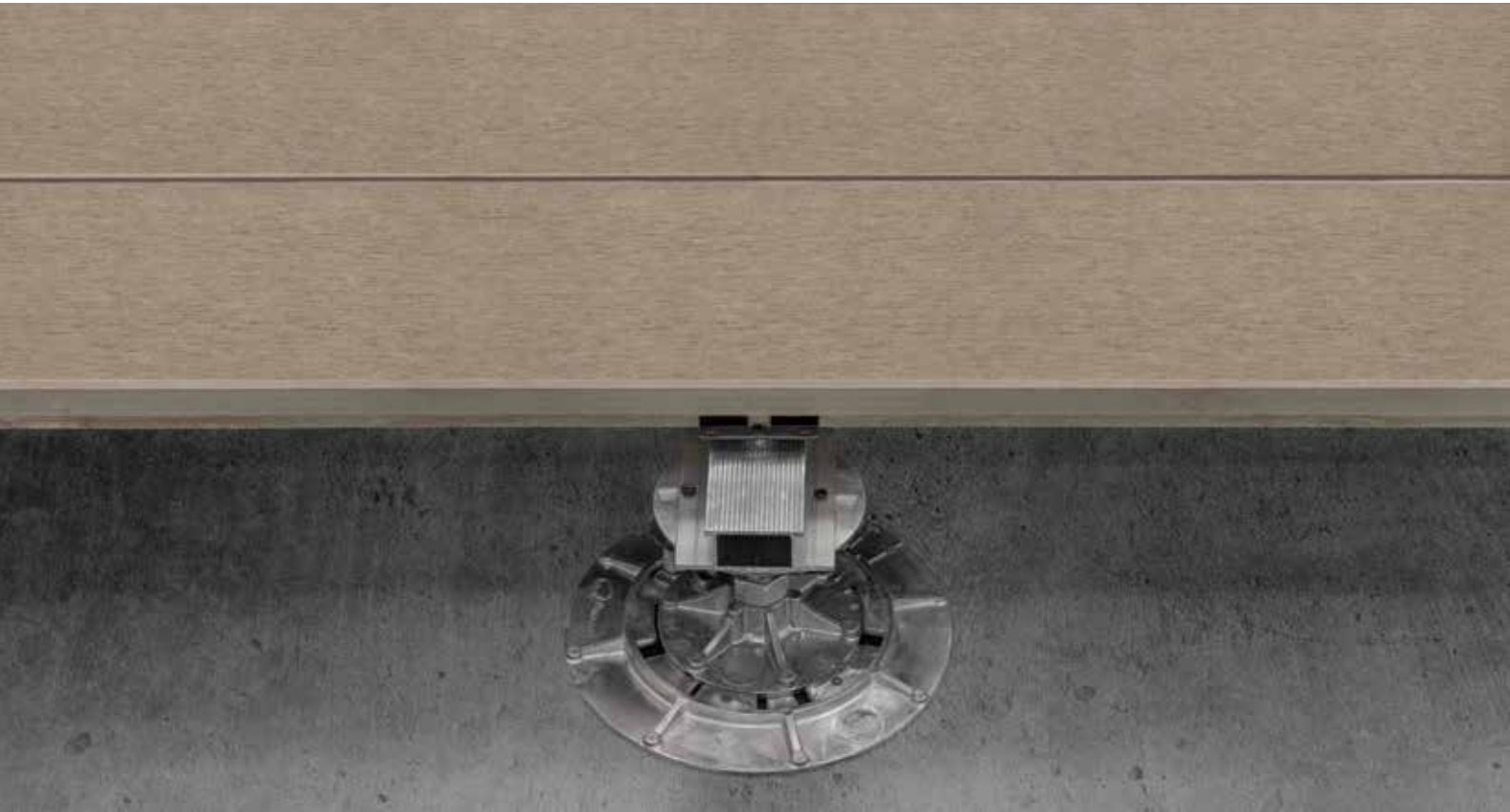


Zerodeck Composite is a non-combustible decking system comprising of A-PED-adjustable pedestals and joists, with **Zerodeck Composite** deckboards and accessories. This is the first external flooring system to be certified by NHBC Accepts and continues to pave the way for a safer and more closely regulated 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 Composite** 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 three wood-grain colours, **Zerodeck Composite** can be clip-fixed to compatible joists or surface-mounted like a traditional deck.



A1



Non-Combustible



BROOF(t4)
options



Wind Safe



Slip Resistant



Quick Installation



Self Draining



UV Resistant



Chemical Resistant

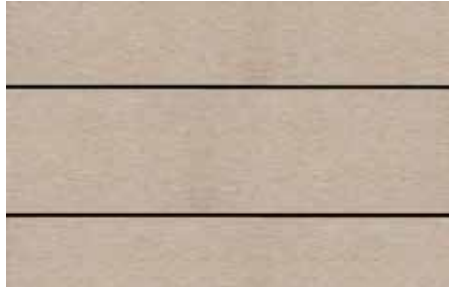


Suitable for use in
temperatures from
-30°C to +90°C

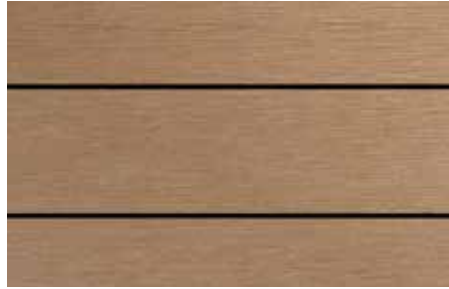


Maintenance Free

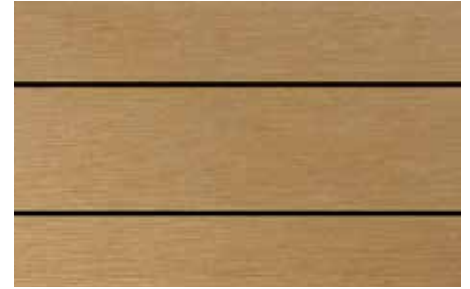
Colour options



● Cayman



● Monaco



● Sahara

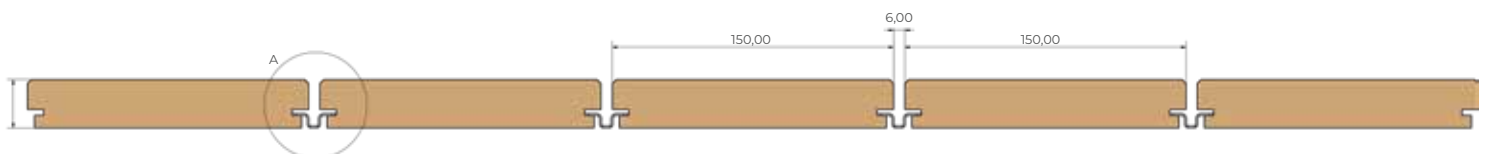
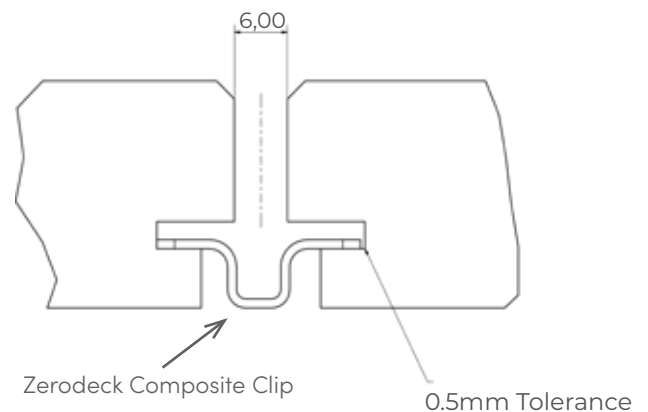
Slip Resistance

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

Test Condition	Dry	Wet
Cayman	61	37
Monaco	59	39
Sahara	59	39

Technical Data

Dimensions	25 x 150 x 2440mm
Weight	5.95kg / 1m 38.4kg / m ²
Finish	Brushed
Fire performance	Euroclass A1 to EN 13501



A-PED System

Sub-frame Option for areas requiring Class A Fire-rated / non-combustible solution

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



* Smaller pedestals available without slope correction available on request.

A-PED Pedestal Technical Specs:

DIMENSIONS:

Head: ø 90mm

Base: ø 170mm

Slope Corrector: Integrated in base of the pedestal providing slope correction from 0-5%

Fire-Rating: Class A1 according to BS EN 13501-1

MATERIAL:

Designed and Manufactured in Europe

A-PED-HEAD, A-PED-BASE, TP1 & 2: Aluminium

Threaded Rod: M16 zinc plated steel

Locking Nuts: Steel with exterior coating

Resistant to weathering, sea salts and a wide range of chemicals.

A-PED-JOIST Aluminium Joist Technical Specs:

DIMENSIONS:

Weight: 2.163kg

Height: 20mm

Width: 65mm

Length: 3000mm

Fire-Rating: Class A1 according to BS EN 13501-1

MATERIAL:

Designed and manufactured in UK

Aluminium Resistant to weathering and a wide range of chemicals



JOIST CENTRES

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

- Commercial settings 450mm
- Domestic settings 600mm

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

PEDESTAL CENTRES

- A-PED-JOIST-20 Max 400mm

