



ZERODECK & A-PED

Non-combustible Decking System
Catalogue 2022



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The Outdoor Deck Company is pleased to offer ZERODECK with a Class A fire-rated mineral composite deck board which has been officially welcomed to NHBC Accepts alongside the A-PED, providing additional levels of confidence to clients and the wider industry.

The system from Alfresco Floors comprises of a fully adjustable sub-frame, with built-in slope correction, aluminium joists, and deck boards, all of which are entirely non-combustible.

This system is the first external flooring system to be given the certification by NHBC Accepts and continues to pave the way for a safer and more closely regulated built environment.

A new type of decking that ticks all the boxes

For too long, timber-alternatives have been limited and haven't always provided the right aesthetic. ZERODECK changes all of that, giving you and your clients the beautiful finish that can be used in every setting, including those that require maximum fire safety.

- ✓ **Handles and looks like timber**
- ✓ **Does not scratch, stain or fade**
- ✓ **Class A fire-rated**
- ✓ **Clean fitting - clip-fix or surface-mount**
- ✓ **Full colour saturation**
- ✓ **Slip-resistant**
- ✓ **Low maintenance**
- ✓ **Zero wind uplift**



ZERODECK



ZERODECK Finishes

Board Colours

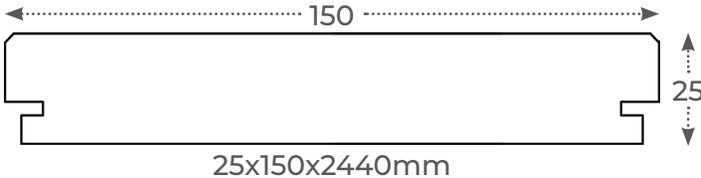
Bali
ZERODECK-2.4-B



Cayman
ZERODECK-2.4-C



Monaco
ZERODECK-2.4-M



ZERODECK can vary slightly in colour between batches due to the nature of the base material.

Joists, Clips & Screws

Joists

20mm Joist – Silver



A-PED-JOIST-20
Aluminum
65x20x3000mm

40mm Joist – Silver



A-PED-JOIST-40
Aluminum
65x20x3000mm

20mm Joist – Black



A-PED-JOIST-20-B
Powder Coated Alumium
65x20x3000mm
Special order

40mm Joist- Black



A-PED-JOIST-40-B
Powder Coated Alumium
65x20x3000mm
Special order

Clips

ZERODECK Clip - Black

Awaiting image

ZERODECK-CLIP
Black Anodised Steel

Screws

ZERODECK Screw - Black

Awaiting image

ZERODECK-SCREW
Black Anodised Steel
12mm

Accessories

Spreader Plate



A-PED-SPREADER-170
Thickness 2mm
Diameter 170mm

Membrane Protection 2mm



A-PED-PROTECTOR-2MM-FR
2mm EPDM
Diameter 170mm
Class B Fire-rated

Membrane Protection 3mm



A-PED-PROTECTOR-3MM-FR
3mm EPDM
Diameter 170mm
Class B Fire-rated

Pedestal Locking Key



A-PED-KEY
Optional Pedestal
Locking Key

A-PED Pedestal Range

Models

*All models include an integrated slope corrector (up to 5%) except the smallest three models



A-PED-24-30*
24-30mm



A-PED-28-34*
28-34mm



A-PED-33-39*
33-39mm



A-PED-33-48
33-48mm



A-PED-48-65
48-65mm



A-PED-57-82
57-82mm



A-PED-72-117
72-117mm



A-PED-105-150
105-150mm



A-PED-140-185
140-185mm



A-PED-175-220
175-220mm



A-PED-210-255
210-255mm



A-PED-245-290
245-290mm



A-PED-280-325
280-325mm



A-PED-315-360
315-360mm



A-PED-350-395
350-395mm

System

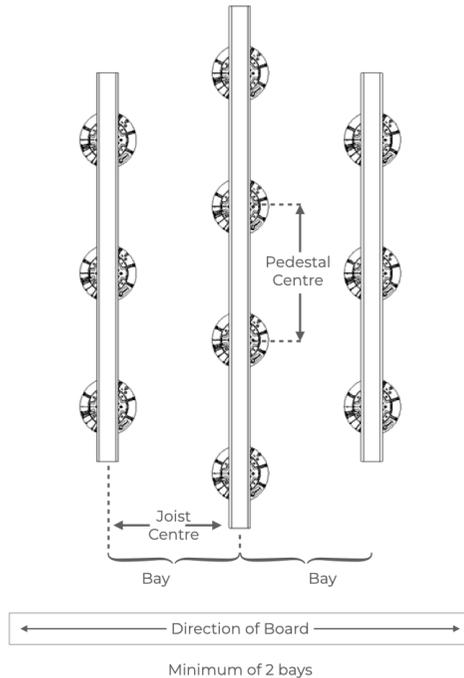
JOIST CENTRES

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

- Commercial settings 400mm
- Domestic settings From 600mm

PEDESTAL CENTRES

- A-PED-JOIST-20 500mm
- A-PED-JOIST-40 800mm



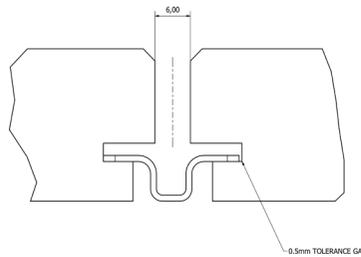
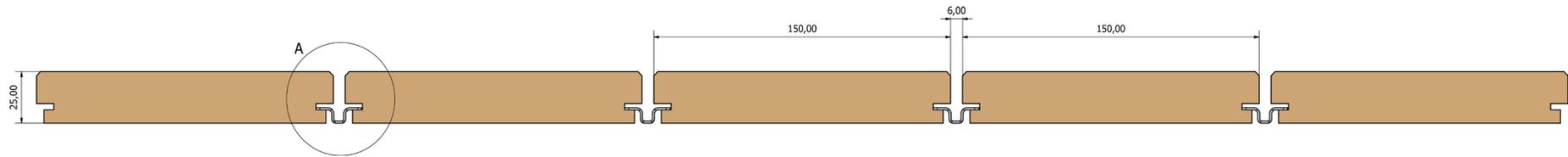
Domestic Installations

ZERODECK: 6.45 linear metres per m²
 Joists: 1.67 linear metres per m², Clips: 15 per m².
 Costs exclude pedestals - allow 4 pedestals per m².
 Exact pedestal numbers will depend on site-specific requirements including finished floor level and falls.

Commercial Installations

ZERODECK: 6.45 linear metres per m²
 Joists: 2.5 linear metres per m², Clips: 21 per m².
 Costs exclude pedestals - allow 5 pedestals per m².
 Exact pedestal numbers will depend on site-specific requirements including finished floor level and falls.

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 |

Finished Floor Level using the A-PED SYSTEM

| A-PED Model * | With A-PED-JOIST-20 & ZERODECK | With A-PED-JOIST-40 & ZERODECK |
|---------------|--------------------------------|--------------------------------|
| A-PED-33-48 | 78 - 93mm | 98-113mm |
| A-PED-48-65 | 93 - 110mm | 113-130mm |
| A-PED-57-82 | 102 - 127mm | 122-147mm |
| A-PED-72-117 | 117 - 162mm | 137-182mm |
| A-PED-105-150 | 150 - 195mm | 170-215mm |
| A-PED-140-185 | 185 - 230mm | 205-250mm |
| A-PED-175-220 | 220 - 265mm | 240-285mm |
| A-PED-210-255 | 255 - 300mm | 275-320mm |
| A-PED-245-290 | 290 - 335mm | 310-355mm |
| A-PED-280-325 | 325 - 370mm | 345-440mm |
| A-PED-315-360 | 360 - 405mm | 380-425mm |
| A-PED-350-395 | 395 - 440mm | 415-460mm |





Get in touch

We're here to help >

ZERODECK Data Sheet

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

NHBC ACCEPTS



ZERODECK

ZERODECK – Maximum Fire Safety with Maximum Assurance for your project

Engineered from mineral composite, ZERODECK has been specifically designed to meet the need for non-combustible materials for balconies and other areas requiring Class A-rated products.

NHBC ACCEPTS





Bali

Cayman

Monaco



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