

ALUMINIUM DECKING SYSTEM

NeoTimber® Aluminium Decking delivers a lightweight, durable, and non-combustible decking system designed to meet the rigorous standards of modern building regulations.

Powder-coated, and with an A2-s1 fire rating, this premium commercial-grade decking option is ideal for balconies, terraces, rooftops, gardens, and other performance-critical applications.

In addition to familiar core colour options, NeoTimber® Aluminium Decking is also available in stunning woodgrain effect colours (see page 2 for more details).



WHY CHOOSE NEOTIMBER'S ALUMINIUM DECKING?



CLASS A FIRE-RATED

The NeoTimber® Aluminium Deck Board has been tested as an A2fl -s1 fire-rated solution (EN 13501).

Manufactured from high-strength structural grade aluminium with a premium powder coating, the decking meets relevant regulations for residential and commercial applications.

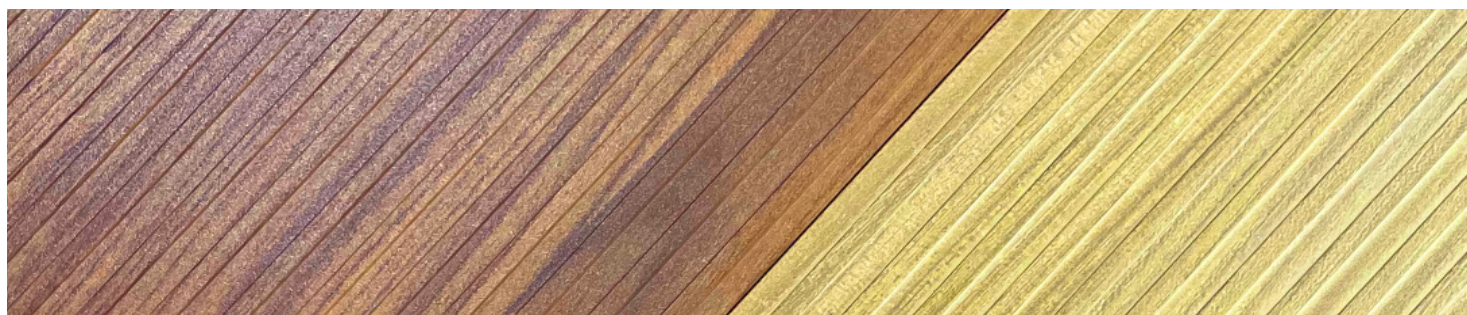
A COMPLETE SOLUTION

Intelligently designed for high performance and ease of installation, NeoTimber's Aluminium Decking system includes pedestals, joists, fittings and trims to deliver a complete system solution from a single supplier.

Our fast, clip-based installation system using our own pedestals and joists delivers significant time and cost savings when compared to other solutions.



A RANGE OF FIVE COLOURS INCLUDING OUR UNIQUE WOODGRAIN FINISHES



Fire-rated doesn't have to mean dull! In addition to two conventional core colour options (Anthracite Grey and Pebble Grey), the range also includes three stunning wood effect colours and finishes (Oak, Teak, and Walnut) - perfect for applications where aluminium decking is required - but a more natural aesthetic is desirable.



Anthracite



Pebble Grey



Oak



Teak



Walnut

PERFORMANCE DATA

Characteristic	Test Method	Result
Density	ASTM D792-20, Method B	2.66g/cm ³
Impact Resistance	ASTM D4812-19	66 J/m
Durometer Hardness	ASTM D2240-15ε1	67.8 Shore D
Tensile Strength	ISO 527-2:2012	213Mpa
Linear Thermal Expansion	EN 15534-1:2014+A1:2017	21x10 ⁻⁶ K ⁻¹
Reaction to Fire	EN 13501-1: 2018	A2fl -s1
Slip Resistance	BS 7976-2:2002+A1:2013	44 - 81 PTV (See Below)
Salt Spray Test	ISO 10289:1999	Grade 10

Slip Resistance Test Results	Condition	Test Result (PTV)
Longitudinal	Dry	● 72
Longitudinal	Wet	● 44
Horizontal	Dry	● 81
Horizontal	Wet	● 61

Pendulum Test Values (PTV)

● Low Slip Potential (36+ PTV) ● Moderate Slip Potential (25-35 PTV) ● High Slip Potential (0-24 PTV)

SUPPLEMENTARY ACCESSORIES



Aluminium Joist

Dimensions: 59mm x 25mm x 3600mm



Aluminium Corner Trim

Dimensions: 64mm x 25mm x 3600mm



Steel Pedestals

Heights ranging from 26mm - 160mm



3mm Metal FastClip

100 Units per box



Starter Clip

100 Units per box

Need help?

Call us on 01530 382 180

or email:

enquiries@neotimber.com