

ESSENTIAL COMPOSITE DECKING

At last, a lightweight, hollow composite decking board with the quality that our customers have come to expect. An ideal solution for the modern homeowner.

We set out to develop a hollow composite decking board which retains its structural integrity, durability and authentic looks - and we believe that in the Essential decking range, we did just that.



WHY CHOOSE NEOTIMBER ESSENTIAL DECKING?



HOLLOW TUBE DESIGN

The Essential range comes equipped with a hollow 'tube' design, which promises a lightweight composition without a compromise. What's more, we remove a fraction of the material within the core in order to better match the strength of the board's solid alternative.

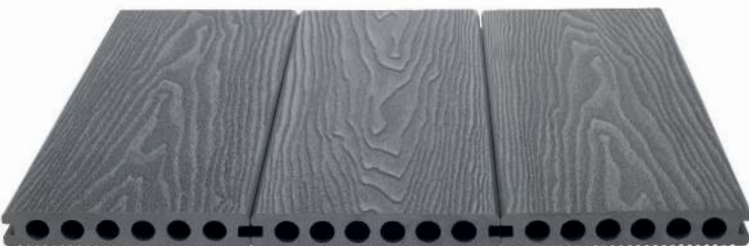
REVERSIBLE FINISH

Some people prefer a woodgrain finish - some prefer grooves. Our Essential range of composite deck boards has both on a single plank. One side is a authentic woodgrain finish for a natural look, while the reverse is a grooved pattern for a more contemporary feel.



EMBOSSED WOODGRAIN FINISH

A deep, textured woodgrain is a sight rarely seen on hollow deck boards. With many manufacturers tending to simply print a wood-effect on the surface. The Essential range stands head and shoulders above the rest with an etched, deep finish.



TECHNICAL SPECIFICATIONS

BOARD DIMENSIONS

145mm (W) x 24mm (D) x 3600mm (L)

WEIGHT PER BOARD

11.52kg

LOW MAINTENANCE

★★★★☆

DURABILITY

★★★★☆

FADE RESISTANCE

★★★★☆☆

STAIN RESISTANCE

★★★★☆☆

SLIP RESISTANCE

★★★★☆☆



PERFORMANCE DATA

Characteristics	Method	Result
Density	ASTM D792-13, Method A	1.35g/cm ³
Flexural Strength	ASTM D7032-17	29.1 Mpa
Flexural Stiffness	ASTM D7032-17	3543 Mpa
Maximum Load	EN 15534-1:2014+A1:2017	5194 N
Impact Resistance	ASTM D4812-19	56 J/m
Durometer Hardness	ASTM D2240-15ε1	69.4 Shore D
Tensile Strength	ISO 527-2:2012	24.5 Mpa
Water Absorption	ASTM D570-98:R2018	0.65%
Linear Thermal Expansion	EN 15534-1:2014+A1:2017	43.2x10 ⁻⁶ K ⁻¹
Reaction to Fire	EN 13501-1	Cfl -s1
Slip Resistance	BS 7976-2:2002+A1:2013	0.38 - 0.89 (See Below)

Slip Resistance Test Results	Condition	Woodgrain Side	Grooved Side
Longitudinal	Dry	● 88	● 64
Horizontal	Dry	● 84	● 84
Diagonal	Dry	● 89	● 70
Longitudinal	Wet	● 38	● 42
Horizontal	Wet	● 44	● 49
Diagonal	Wet	● 41	● 46

Pendulum Test Values

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

GREY. TEAK. CHOCOLATE. CHARCOAL. THE ESSENTIAL COLOURS.



Grey



Teak



Chocolate

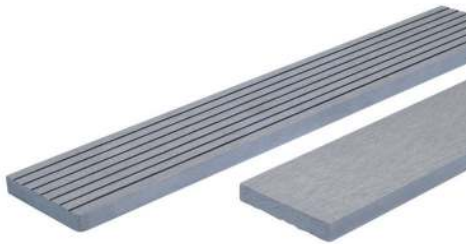


Charcoal

SUPPLEMENTARY ACCESSORIES



Essential Edge Board
Dimensions: 145mm x 24mm x 3600mm



Essential Skirting Trim
Dimensions: 72mm x 11mm x 3600mm



Essential Corner Trim
Dimensions: 60mm x 40mm x 3600mm



Starter Clip Set
100 units per box



3mm Metal FastClip Set
100 units per box



6mm Plastic FastClip Set
100 units per box



Coloured Decking Screws
Dimensions: 5mm x 50mm
100 units per box



Coloured Trim Screws
Dimensions: 4mm x 35mm
100 units per box



Composite Joists
Dimensions: 59mm x 40mm x 3600mm

Need help?
Call us on 01509 323 170
or email enquiries@neotimber.com