

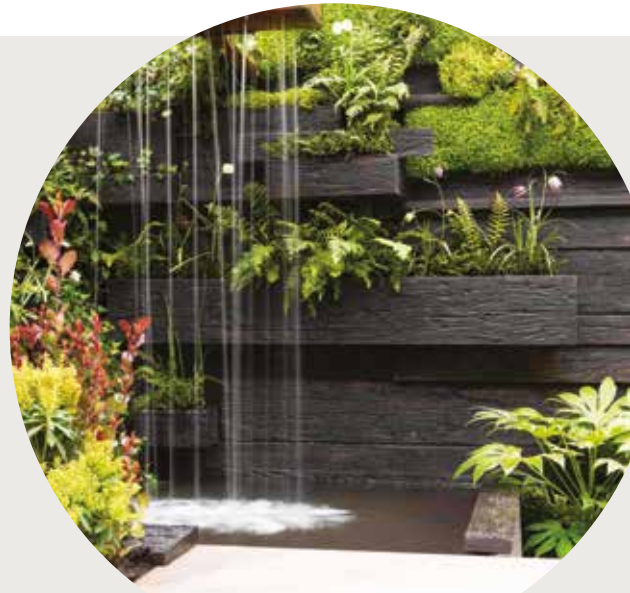
Product specification

Carbonised

Colours available

Size: 200 x 3600 x 32mm

12 kg/board approx



Polyurethane Resin & Mineral Composite Decking (RMC)

Slip resistance

Millboard decking has been tested in accordance with: BS79.76 Pendulum Friction Test.

Minimum test result requirement for a low slip surface rate is 36+ (see page 3) (100 being perfect - 0 being the most slippery)

Public space often requires a rate of 45+

Lastane® covered very high Anti-Slip surface for safety in all 360° direction of travel.

Colour	PTV Testing result	Condition	Classification
Embered	73	Wet	Excellent
Embered	92	Dry	Low slip potential
Charred	55	Wet	Excellent
Charred	77	Dry	Low slip potential

Dimensionally stability

Very Low expansion and contraction rate less than 0.01% or similar to concrete.

Expansion from dry air to saturated 0.01mm/m

Co efficient of thermal expansion 0.01%

Non Warping, twisting or buckling.

UV & weathering stability

UV stability tested to BSENISO 4892.2 5000hours (10-20years) (Exceptional)

Weather ability: (freeze/thaw/warp/twist/camber) -20° to 70° Moat22 & EN 772-22 (Exceptional)

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Physical & Mechanical Properties	Test Method	Unit	Value/Results
Line Load Bearing Test - Peak Load (180mm width, 300mm span centres) (Charred)	BS EN ISO 14125	kN	9.32
Line Load Bearing Test - Peak Load (180mm width, 400mm span centres) (Charred)	BS EN ISO 14125	kN	6.56
Point Load Bearing Test - Peak Load (180mm width, 300mm span centres) (Charred)	BS EN ISO 14125	kN	7.14
Point Load Bearing Test - Peak Load (180mm width, 400mm span centres) (Charred)	BS EN ISO 14125	kN	5.52
Line Load Bearing Test - Peak Load (200mm width, 300mm span centres) (Emberred)	BS EN ISO 14125	kN	8.34
Line Load Bearing Test - Peak Load (200mm width, 400mm span centres) (Emberred)	BS EN ISO 14125	kN	6.64
Point Load Bearing Test - Peak Load (200mm width, 300mm span centres) (Emberred)	BS EN ISO 14125	kN	5.78
Point Load Bearing Test - Peak Load (200mm width, 400mm span centres) (Emberred)	BS EN ISO 14125	kN	5.65
Modulus of Elasticity and Bending Strength – Ultimate Load, F max (Textured surface tested)	BS EN 310	F max N	1000
Modulus of Elasticity E m N/mm ² . (Textured. Surface tested).	BS EN 310	E m N/mm ²	896
Modulus of Elasticity F m N/mm ² . (Textured. surface tested).	BS EN 310	F m N/mm ²	13.3
Soft Body Impact	MOAT 43	mm	0 (no visible damage)
Hard Body Impact	MOAT 43	mm	0 (no visible damage)
Fixing Pull Out	BS EN 1382:1999	F max N	1610.8
Density	BBA	kg.m ³	529.75
Thermal Conductivity (Emberred)	Fox 200	W/mK	0.089
Thermal Conductivity (Charred)	Fox 200	W/mK	0.084
Photostability	BS EN ISO 4892-2: 2006	LRV	2% (shift over 5000hrs)
Moisture Content (12h at 103c)	BS EN 322:1993	(%)	0.6
Determination of Swelling in Thickness	BS EN 317	(Gt) %	0.5
Taber Abrasion (1000g x 1000 cycles)	ISO 7784-2	mg	261