

# Product specification

## Millboard Weathered Oak

### 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
Weathered Oak	81	Dry	Excellent
Weathered Oak	65		Wet 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 (200mm width, 300mm span centres)	BS EN ISO 14125	kN	8.34
Line Load Bearing Test - Peak Load (200mm width, 400mm span centres)	BS EN ISO 14125	kN	6.64
Point Load Bearing Test - Peak Load (200mm width, 300mm span centres)	BS EN ISO 14125	kN	5.78
Point Load Bearing Test - Peak Load (200mm width, 400mm span centres)	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 <sup>2</sup> . (Textured. Surface tested).	BS EN 310	E m N/mm <sup>2</sup>	896
Modulus of Elasticity F m N/mm <sup>2</sup> . (Textured. surface tested).	BS EN 310	F m N/mm <sup>2</sup>	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 <sup>3</sup>	529.75
Thermal Conductivity (Weathered Oak)	Fox 200	W/mK	0.089
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