



ENVIRO
BUILD

TECHNICAL SPECIFICATIONS



MANTICORE

LUMBER





TECHNICAL SPECIFICATIONS

MANTICORE LUMBER

3.4 M LUMBER

CHARACTERISTIC	REFERENCE	UNIT
Density	ASTM D792-13 Method B	0.90g/cm ³
Flexural Strength	ASTM D790-10 Method A	17.5MPa
Flexural Modulus	ASTM D790-10 Method A	870MPa
Tensile Modulus	ISO 527-1	280MPa
Tensile Strength	ASTM D638-10	25.6MPa
Water Absorption	ASTM D570-98(2010)ε1	0.02%
Expansion Rate	-30°C to +30°C	0.016 mm / m / Celsius
Coefficient of Friction (Dry)	BS 7976-2	0.58
Coefficient of Friction (Wet)	BS 7976-2	0.46

SLIP RESISTANCE

It is the customers responsibility to determine the suitability of Manticore Lumber for their particular private or commercial installation. EnviroBuild can provide test reports including a report for slip resistance to help. Should your plans include a ramp or incline of any kind it is the customers responsibility to ensure the installation meets Part M regulations ("Access to and use of Buildings") which stipulate the angle of slope required and the interval for rest areas. To assist with extra tread purchase we recommend the fitting of Grit Strips to the board surface. Always install boards at right angles to the main direction of travel to make best use of Manticore Lumber's slip resistant properties.





TECHNICAL SPECIFICATIONS

MANTICORE LUMBER

1.8 - 3.1 M LUMBER

CHARACTERISTIC	REFERENCE	UNIT
Density	ASTM D792-13 Method B	0.96g/cm ³
Flexural Strength	ASTM D790-10 Method A	12.3MPa
Flexural Modulus	ASTM D790-10 Method A	420MPa
Tensile Modulus	ISO 527-1	297MPa
Tensile Strength	ASTM D638-10	25.6MPa
Water Absorption	ASTM D570-98(2010)ε1	0.02%
Expansion Rate	-30°C to +30°C	0.016 mm / m / Celsius
Staple Pullout		1.13kN

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M A N T I C O R E
L U M B E R

ENVIROBUILD.COM



+44 (0) 208 088 4888

EnviroBuild Materials Ltd. Unit 210, Bon Marche Centre, 241-251 Ferndale Road, London, SW9 8BJ