

Technical data sheet

for **Essentials** composite deck boards



Physical property	Test method	Value
Linear mass	EN 15534-1: 2014, 6.5	2.27 kg/m
Dimensions	EN 15534-1: 2014, 6.6.2	21 x 134 mm (+/- 1%)
Deviation from straightness	EN 15534-1: 2014, 6.6.3	0.11 mm
Cupping	EN 15534-1: 2014, 6.6.4	0.60 mm

Mechanical characteristics	Test method	Value
Falling mass impact resistance	EN 15534-1: 2014, 7.1.2.1. (EN 477:2018)	0.68 mm
Elastic modulus (MOE)	EN 15534-1: 2014, Annex A (EN 310:1993)	1.40 GPa
Maximum stress (MOR)	EN 15534-1: 2014, Annex A (EN 310:1993)	20.08 MPa
Deflection at 500N	EN 15534-1: 2014, Annex A (EN 310:1993)	0.65 mm
Slip resistance	DD CEN/TS 15676:2007	Dry: 61 PTV Wet: 34 PTV

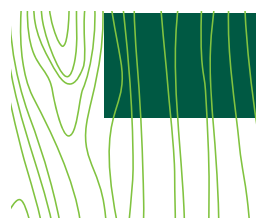
Durability	Test method	Value
Moisture resistance under cyclic test conditions	EN 15534-1: 2014, 8.3.2 (EN 321:2002)	0.81 mm
Swelling and water absorption	EN 15534-1: 2014, 8.3.1 (EN 317)	Thickness = 2.35% Width = 0.04% Length = 0% Weight = 2.09%

For more details

- 01978 667840
- enquiries@ecodek.co.uk
- ecodek.co.uk



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