

Technical data sheet

for **Signature AT** composite deck boards

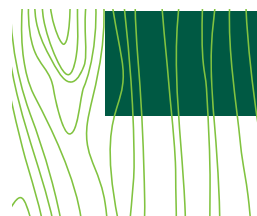
Physical property	Test method	Value
Linear mass	EN 15534-1: 2014, 6.5	2.86 kg/m
Dimensions	EN 15534-1: 2014, 6.6.2	21 x 136 mm (+/- 1%)
Deviation from straightness	EN 15534-1: 2014, 6.6.3	0.11 mm
Cupping	EN 15534-1: 2014, 6.6.4	0.29 mm

Mechanical characteristics	Test method	Value
Falling mass impact resistance	EN 15534-1: 2014, 7.1.2.1 (EN 477:1995)	1.04 mm
Ultimate tensile strength (UTS)	EN 15534-1: 2014, 7.2 (EN ISO 527-2)	11.67 MPa
Elastic modulus (MOE)	EN 15534-1: 2014, 7.3.2 (EN 310:1993)	1.94 GPa
Maximum stress (MOR)	EN 15534-1: 2014, 7.3.2 (EN 310:1993)	32.18 MPa
Deflection at 500N	EN 15534-1: 2014, 7.3.2 (EN 310:1993)	0.80 mm
Mid span point load	EN ISO 178	Refer to load span table

Durability	Test method	Value
Moisture resistance under cyclic test conditions	EN 15534-1: 2014, 8.3.2 (EN 321:2001)	Deflection at 500N = 0.48 mm
Swelling and water absorption	EN 15534-1: 2014, 8.3.1 (EN 317)	Thickness = 2.63% Width = 0.13% Length = 0.13% Weight = 0.78%

For more details

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



Making outdoors, yours