

# Technical data sheet

for **Supastiff** deep profile joists

Physical property	Test method	Value
Linear mass	EN 15534-1: 2014, 6.5	3.62 kg/m
Dimensions	EN 15534-1: 2014, 6.6.2	38 x 88 mm
Deviation from straightness	EN 15534-1: 2014, 6.6.3	0.14 mm
Cupping	EN 15534-1: 2014, 6.6.4	0.18 mm

Mechanical characteristics	Test method	Value
Falling mass impact resistance	EN 15534-1: 2014, 7.1.2.1 (EN 477: 1995)	0.15 mm
Elastic modulus (MOE)	EN 15534-1: 2014, 7.3.2 (EN 310: 1993)	7.70 GPa
Maximum stress (MOR)	EN 15534-1: 2014, 7.3.2 (EN 310: 1993)	68.25 MPa
Deflection at 500N	EN 15534-1: 2014, 7.3.2 (EN 310: 1993)	0.77 mm

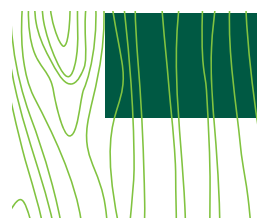
Durability	Test method	Value
Swelling and water absorption	EN 15534-1: 2014, 8.3.1 (EN 317)	Thickness = 1.07% Width = 0.37% Length = 0% Weight = 0.43%

## For more details

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