

GREEN DECK

TECHNICAL DATA

deck is tested in extensive climate tests with extreme conditions from -40C to +100C, tropical tests (increased humidity), water tests, boiling tests – without any change of product properties. The deck is meant to use in extreme and normal conditions.

Board thickness width length		32mm 142mm 3000mm
Consumption of material		3m ² contains 6,75 decking boards
Resistance to artificial weathering	EN 438-2:2005	Level 4-5
Resistance to UV irradiation	EN 438-2:2005	Level 4-5
Abrasion resistance	EN 14354	≥ 2000 turns
Scratch resistance	EN 438-2:1991	Level 5, ≥ -6 N
Anti- slip property	DIN 51130	Level R10
Flexural properties	EN 408	Flexural modules (N/mm ²) -50 °C 1843 22 °C 795 60 °C 452
Flammability class	EN 13501-1	E
Water absorption	ISO 62	0,17%
Linear expansion		0,069 mm/m/°C
Density		0,75 g/cm ³
Core composition		LDPE; HDPE; PP; PS
Surface composition	Substrate:	printed decor
	Impregnation:	transparent EB-curable resins
	Coating:	transparent UV stable EB-curable resins

All used resins are solvent- and formaldehyde free.