

RecoDeck

Technical Specification



Physical Properties

Property	Unit	Measurement
Length	mm	3000
Width	mm	138
Depth	mm	32
Density	g/cm ³	0.75
Coverage	Boards/m ²	2.42
Toxicity		Non-toxic
Linear Expansion		+/- 0.069mm per m per °C
Core Material		LDPE : HDPE : PP : PS

Testing Properties

Test Type	Standard	Result
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
Flexural Properties	EN 408	Flexural Modulus (N/mm ²)
	-50°C	1843
	+22°C	795
	+60°C	452
Flammability Class	EN 13501-1	E
Water Absorbtion	ISO 62	0.17%
Sound Isolation	EN 1793-2	B2

