



ORCHID+

Technical Information

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Test Item	Standard	Orchid+
Level of use	EN 685	23 / 33
Dimensional stability	ISO 23999 / EN 434	≤0.10% (Norm: ≤0.25%)
Abrasion group	EN 660-2	Class T
Castor chair resistance	EN 425	No damage
Squareness & Straightness	ISO 24342	≤ 400mm : ≤0.25mm >400mm : ≤0.35mm
	ASTM F2055	≤ 0.01 in
Residual indentation	EN 433	≤ 0.1mm
	ASTM F1914	<8%
Impact sound insulation	ISO 10140-3	6dB
Light fastness	ISO 10581	≥ 6
Slip resistance	EN 13893	D5
	DIN51130	R9
Resistance to chemicals	ISO 26987	No Defects
	ASTM F925	No Defects
Thermal resistance	ISO 8302	0.01m ² K/W
Curling after exposure to heat	ISO 23999	≤ 2mm
Fire resistance	EN 13501	Bfl -s1
Flexibility	ISO 24344	Passed
	ASTM F137	Passed
Body Voltage	EN 1815	<2kV
Resistance against staining	ISO 26987	Passed
Underfloor heating suitability	EN 12524	Suitable
Formaldehyde group	EN 717-1	E1
Indoor air quality		Low VOC