

Technical Information

Installation Guidelines

- Prior to installation, the subfloor must be heated for -14 days if heating is available, and if not, allow sufficient time to dry out completely.
- Room temperature must be maintained at 18°C or higher before and during installation.
- The flooring must be allowed to acclimate in the room to be installed for a minimum of 24 hours and be stacked flat on the floor to avoid bending the floor.
- Prior to installation, please ensure that both color and lot# are the same.
- When installing *ORCHID+*, be sure to keep dust, dirt or foreign particles away from the locking strip.

Maintenance

- Regularly sweep floor to remove sand and grit that can scratch floor.
- For best results, use only water with a mop. Avoid flooding the floor with too much water.
- For heavily soiled areas, use a neutral ph balanced floor cleaner.
- Use caution when lifting boxes.
- Promptly remove any standing water to avoid slippage.
- Keep *ORCHID+* on the flat surface to keep it from warping.

Size & Packing

Thickness(mm)	Wear layer(mm)	Size (mm)	Pcs / BOX	m ² / BOX
2.5	0.30	186 x 940	19	3.32
		457.2 x 457.2	16	3.34
		914.4 x 457.2	10	4.18
		600 x 600	12	4.32

Test Result

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	DS
	DIN51130	R10
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
Fomaldehyde group	EN 717-1	E1
Indoor air quality		Low VOC

