3-layer Hardwood Engineered Flooring

Technical Data Sheet

Size	1900x190x14/3mm/1900*190*15/4mm/2190x220x15/4mm/
Surface	Brushed
Finishing	UV cured Lacquer
Locking System	Valinge
Structure	Top layer-European Oak. Core-Pine/Eucalyptus plywood. Back Layer-Pine/Alder wood

No.	Test Item	Test Method	Requirement	PD Test Result
1	Length Tolerances(%)	EN13489	±0.1%	Qualified
2	Width Tolerance(mm)		±0.2mm	Qualified
3	Squareness of the Element	EN13329(Annex-A)	q max≤0.2mm	≤0.05mm
4	Height Difference	GB/T 18103-2022	h max≤0.15mm	Qualified
5	Static Bending Strength	GB/T 18103-2022	≥ 30MPa	43.7MPa
6	Modulus of Elasticity	GB/T 18103-2022	≥ 4000MPa	5220MPa
7	Surface Abrasion	GB/T 18103-2022	≤ 0.15g/100r	0.04,paint film is not completely worn through
8	Stain Resistance	GB/T 18103-2022	≥ Grade 4	Grade 5
9	Adhesion of Paint film	GB/T 18103-2022	≥ Grade 4	Grade 4
10	Moisture Content	GB/T 18103-2022	≥5.0%	8.20%
11	Hardness of paint film	ISO 15184:2020	≥ 2H	2H
12	Effect of a furniture leg	EN 424:2001	No visible damage in appearance	No visible damage in appearance
13	IIC	ASTM E492-09		55
14	Formaldehyde Emission	EN 14041:2004/AC:2006& EN 717-1:2004	E0≤0.050mg/m3	E0
15	Locking Strength	GB/T 18103-2022	≥ 2.5N/mm	Long side 16.5N Short side 13.5N