Loose lay flooring

Loose lay vinyl flooring is produced with a unique anti-slip backing, the installation process is simple, the planks or tiles are installed by butting the edges tightly. This provides for an impressive finished look, but also provides a high degree of stability. This flooring therefore does not require adhering to the subfloor or the expensive subfloor preparation that traditional flooring needs. Larger installations may require adhesive around the perimeter. Expansion gaps may not be required.

Test Items	Standard	Result
Appearance / Color Match	Master Sample	Match
Thickness	EN428	4.0 / 4.5 / 5.0mm （n±0.15mm）
Thickness of wear layer		0.3 / 0.5 / 0.55 / 0.7mm
Plank Length	EN427	n<300mm：±0.1mm
Plank Width		n≥ 300mm：±0.3mm
Squareness		≤0.25mm
Edge straightness		≤0.25mm
Fire Rating – Flame Spread – CRF	ASTM E648	Class I (> 0.45 W/cm2)
Fire Rating – Smoke Evolution – OSD	ASTM E662	Class 1 (< 450)
Water Absorption	ASTM D570-98	≤3%
Impact Sound Reduction	ASTM E2179-09	△IIC 15
Dynamic coefficient of friction	EN 13893:2002	0.89
Flexibility	ASTM F137-08	No crack or break when using Φ25.4mm mandrel
Gloss unit	ASTM D523	Target±1°
Dimensional Stability	EN434	≤0.12%
Curling After Exposure to Heat	EN434	≤1.2mm
Assmbled gap	EN13329	≤0.20mm
Height Difference (Assembled)		≤0.20mm
Wear Resistance	EN 13329 (S-42, 200 cycle change)	Wear Layer Thickness 0.3 mm:IP ≥ 1800 cycles Wear Layer Thickness 0.5 mm:IP ≥ 4000 cycles Wear Layer Thickness 0.7 mm:IP ≥ 6000 cycles
Gloss Retention	EN 16094A	≥2 grade
Micro-scratch Resistance	EN 16094B	≥2 grade
Phthalate	CA Prop 65	≤1000PPM

UV coating: anti-scratch coating / anti-microbial coating / stain- resistant coating / slip resistance coating R10