LVT Flooring

SPECIFICATIONS		
Product Name	Luxury Vinyl Tile (LVT)	
Structure	UV + wear layer + printed film + PVC felt core + backing	
Total Thickness	2.0 / 2.5 / 3.0 / 4.0 / 4.5 mm	EN ISO 24346
Wear Layer	0.3 / 0.5 / 0.55 / 0.7 mm	EN ISO 24340
Format	Tiles 305x305 / 457x457 mm; planks	
Weight	~ 3.9 – 5.5 kg/m²	EN ISO 23997
Installation	Dry-back (glue-down) / loose-lay / click	
PHYSICAL PROPERTIES		
Residual Indentation	≤ 0.05 mm	EN ISO 24343
Dimensional Stability	≤ 0.4 % (80 °C)	EN ISO 23999
Water Resistance	100 % waterproof (zero absorption)	
Thermal Resistance	~ 0.02 m²K/W; suitable for underfloor heating	
Sound Reduction	~ 6 dB (with underlay)	
MECHANICAL PROPERTIES		
Abrasion Group	Class T / P (IP ≥ 4000 cycles @0.55 mm)	EN 660
Use Classification	Class 23 / 33 / 34	EN 685
Anti-slip	R10 (DIN 51130) / DS (EN 13893)	
Castor Chair Resistance	Pass (25000 turns)	ISO 4918
Impact Resistance	Good	
ENVIRONMENTAL & SAFETY		
Fire Rating	Bfl-s1	EN 13501-1
VOC / Formaldehyde	Low VOC; FloorScore / CE certified	
Phthalates	Phthalate-free option available	
Antibacterial	Optional	ISO 22196
PERFORMANCE		
Resilient Floor Coverings		EN 14041
PVC Floor Specification		EN 649 / EN 655
Abrasion / Classification		EN 660 / EN 685
Thickness / Wear Layer		EN ISO 24346 / 24340
Fire / Slip Resistance		EN 13501-1 / EN 13893 / DIN 51130



