TORLYS
smart floors

EN - ISO Product Performance Test Grid – **PARK LANE LAMINATE**

DETAILS	VALUES	REFERENCE STANDARD	TORLYS RESULT
Product Dimensions	8mm (T) x 156mm (W) x 1380mm (L)		
Joint Type	Uniclic - four sides with Aqua Protect		
Packaging	8 planks / box and 1.722 m2 / box		
Bevel Type	Square Edge		
C-o-C Certification	PEFC		
Usage Class	21-22-23 / 31-32	EN13329	21-22-23 / 31-32
Wear Resistance	≥4000 cycles	EN13329	≥4000 cycles
Wear Class	AC4	EN13329	AC4
Dimensional Stability	Average ≤ 0.9mm	EN13329	Average ≤ 0.9mm
Impact Resistance Small Ball	≥ 35mm	EN17368d	≥ 35mm
Impact Resistance Large Ball	≥ 750mm	EN13329	≥ 750mm
Scratch Resistance	Charge ≥ 3N	EN438-2,25	Charge ≥ 3N
Effect of a Castor Chair	25,000 cycles	ISO 4918 (with underlay)	No change
Thickness swelling	≤ 18% after 24hr immersion in water at 20°C	ISO24336	≤ 18%
NZWTA **NZ Wool Testing Authority**	Topical Moisture Resistance **NZBC E3.3.3 & E3.3.6**	ISO4760:2022(E) Impervious Joint	Passed NZ Independent Test
Locking Strength	Fmax long side: ≥ 1 kN/m	ISO24334	Fmax long side: ≥ 1 kN/m
	Fmax short side: ≥ 2 kN/m		Fmax short side: ≥ 2 kN/m
Effect of a Furniture Leg	No visible damage when tested with simulated movement of furniture leg	EN424	No visible damage
Resistance to Staining	Group 1,2: Class 5	EN 438	Class 5
	Group 3: Class 4		Class 4
Light Fastness	Grey reference: Class 4	EN ISO 4892 2.2006/A1:2009 Procedure B – Cycle 5	Class 4
Formaldehyde Emission	E1 <0,01 ppm	EN 717-1	<0,01 ppm
Anti-static	≤ 2,0 kW	EN 1815	≤ 2,0 kW
Reaction to Fire	Class Cfl-s1	EN 13501-1	Class Cfl-s1
Thermal Resistance	0,055 m2K/W	EN 12996:2001	0,055 m2K/W
Slip Resistance	DS: μ ≥ 0,30	EN 13893	DS: μ ≥ 0,30
Burning Cigarette	Class 5	EN 438-2.30	Class 5 no visible damage
Underfloor Heating	Suitable for all NZ Building Code approved underfloor heating		
Sound Insulation	Pair with **Torlys Acoustic Underlay**, for superior installation and to achieve a high level of *impact sound reduction or *noise transfer result.		
Warranty	Residential Lifetime Limited Non-prorata Transferable Warranty *10-year water surface warranty – *see installation requirements*		
	15 Year Limited Commercial		

Further information is available on our **website**: www.torlys.co.nz
- Architectural Specifications
- Installation Instructions
- Product Brochure