TORLYS **Architectural Specifications**

TORLYS Lexington Wide Laminate

PART 1 – MATERIALS

1.1 Direct Pressure Laminate Flooring that meets or exceeds Class 32 under EN13329.
TORLYS Lexington-W is FloorScore® and PEFC certified

1.2 TORLYS Lexington-W flooring shall be:

- **Board Size:** 8 mm (T) 192 mm (W) x 1261 mm (L)
- **Type of Finishing:** Aluminium Oxide
- **Edge Type:** Bevel 4-sides
- **Type of Decorative Top Layer:** Melamine Impregnated Décor Paper
- **Type of Core:** High Density Fibreboard (HDF) > 800 kg / m³
- **Type of Backing:** Melamine
- **Assembly System:** Uniclic®, Glueless
- **Colours:** As selected by the Architect
- **Type of Installation:** Floating *(must have use a Torlys Underlay)*

PEFC Certified
This product is from sustainably managed forests and controlled sources
PEFC
PEFC/26-31-08
pefccanada.org

UNICLIC®

1.3 Accessories:

- **TORLYS Laminate Mouldings:** Digital printed trim, 1930mm Long. Used as a transition between rooms / at doorways and stairs with a base.
- **Smart-step** square nose stair moulding – (Indent product, can be made to length of board)
- **Colours:** As selected by the architect

1.4 Qualities

- AC4 rated wear layer
- Wide planks with realistic finishes
- A complete range of colours and patterns to suit any style
- Install up to 15m x 15m with no transitions
- TORLYS Bulldog™ Easy Plank Replacer enables single planks to be replaced, quickly and easily. No mess, no dust, no downtime

PART 2 – PACKAGING INFORMATION

- **Pieces per carton:** 9 pieces
- **Square metres:** 2.179 m2
- **Weight per Carton*:*** 15.4 kg

TORLYS Bulldog EASY PLANK REPLACER LEED® NALFA NORTH AMERICAN LAMINATE FLOORING ASSOCIATION MEMBER floor score

PART 3 – EXECUTION

3.1 Site Verification of Conditions and Preparation:

- Repair any defects in the subfloor. All subfloors must be clean, firm, flat - as per NZ Building Code (within 4mm over 3m), dry (on concrete ≤ 75% RH as per ASTM F2170, on plywood 12% or less) and smooth
- FLC – Floor leveling compound may be required to meet floor tolerances or repair sub-floor
- Planks can be laid over any solid and stable subfloor material that meets these requirements. It is essential that the crawl space under wood subfloors is sufficiently ventilated. Remove any obstacles and provide sufficient ventilation. A 0.15mm poly vapour barrier must be installed on crawlspace floor
- Remove existing carpet, skirtings, trims and thresholds. Undercut door jambs, using a piece of flooring material as a guide. Repair all defects in the sub-floor. Additional expansion can be achieved by undercutting gib board.
- Check that the doors can still open and close after installing the floor.
- Doors may have to be cut to supply sufficient clearance.
- The door jambs may need to be adapted to install the floor under them.
- For aesthetic appearance we suggest that you dry-lay the material across the width of the room to ensure that the pieces of the last row are no less than 5 cm wide.
- The floor should be installed from several cartons at the same time, shuffling planks to insure colour and shade mix. If possible, lay the planks parallel to the source of light. The ideal environment is a temperature of 15°C - 21°C and relative humidity of 40 - 60%.

3.2 Installation

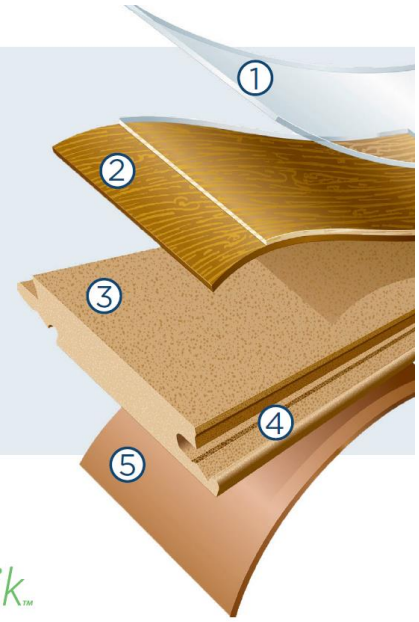
- Cover all the sub-floor with TORLYS Underlay, either Safe and Sound, 3-in-1 **OR** 4-in-1 Acoustik, or TORLYS CorkPlus Blue Underlayment. When using the CorkPlus Blue underlayment, first cover the sub-floor with 0.15 mm underlayment grade poly, overlap edges by 30 cm, damp-proof tape the joints and run poly 10 cm on each wall.
- Install planks according to manufacturer's instructions. Expansion wedges must be used on walls to allow for proper expansion space (10 mm). Areas over 15 m long or wide will require an expansion moulding.
- Expansion space may be covered by a moulding, which is not fixed to the floor, but to the wall.
- Detailed installation instructions are included on the packaging and can also be downloaded at www.torlys.co.nz

3.3 Cleaning

- Dust mop or vacuum with bristles down regularly to remove loose soil. Clean as required with the TORLYS Cleaning Kit.
- Torlys Cleaner must be used to maintain warranty*Detailed maintenance information can be accessed at www.torlys.co.nz

Quality Built-In

1. TORLYS Maxx Commercial Finish
   Antimicrobial | Anti-Wear
2. Decorative Layer
   Real wood-like patterns featuring natural designs.
3. TORLYS Smart Core
   Dent resistant and strong.
4. TORLYS Uniclic® Joint
   The most advanced, gap-resistant joint system available today.
5. Bottom Layer
   Provides moisture protection to the core and added stability.



Sound Ratings

Pair your TORLYS laminate with a TORLYS underlayment for superior installation results. Contact TORLYS for a copy of test reports.

TORLYS Acoustik™

A Cleaner Floor Starts Here.

TORLYS Maxx COMMERCIAL FINISH Anti-microbial · Anti-wear

Contribute to a cleaner home with built-in antimicrobial protection.

TORLYS Maxx Commercial Finish with built-in antimicrobial protection will keep your floors 99% cleaner between cleanings, 24/7.

For more information, visit torlys.co.nz

Warranty

Lifetime Limited Transferable Non-Pro Rata Residential Warranty*

15-Year Commercial Limited Warranty*

* *https://torlys.co.nz/residential-warranty/*

TORLYS smart floors

Visit our website https://torlys.co.nz for more information

ASTM and ANSI Product Performance Tests – **LEXINGTON-W LAMINATE**

DETAILS	VALUES	REFERENCE STANDARD	TORLYS RESULT
Product Dimensions	8mm (T) x 192mm (W) x 1261mm (L)		
Joint Type	Uniclic - four sides		
Packaging	9 planks / box and 2.178 m2 / box		
Bevel Type	V-four sides		
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	Type W (EN 12529) 25,000 cycles	ISO 4918 (with underlay)	No change
Thickness swelling	≤ 18% after 24hr immersion in water at 20°C	ISO24336	≤ 18%
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 4	EN 438-2.30	Class 4
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 Transferable Non-prorata Warranty		
	15 Year Limited Commercial		

Further information is available on our **website**: www.torlys.co.nz

- Architectural Specifications
- Installation Instructions
- Product Brochure