

# TORLYS

## smart floors

### TORLYS Laminate Manhattan

#### PART 1 – MATERIALS

- .1 Direct Pressure Laminate Flooring that meets or exceeds Class 32 under EN13329
- .2 TORLYS Manhattan Laminate Flooring shall be:
  - .1 *Size:* 47-1/4" x 7-1/2" (nominal) – 1200 mm x 190 mm
  - .2 *Total Thickness:* 5/16" (nominal) – 8 mm
  - .3 *Edge Type:* Square
  - .4 *Type of Finishing:* Aluminum Oxide
  - .5 *Type of Decorative Wear Layer:* Melamine Impregnated
  - .6 *Type of Core:* High Density Fibreboard > 800 kg per m<sup>3</sup>
  - .7 *Type of Backing:* Melamine
  - .8 *Assembly System:* Uniclic® Glueless
  - .9 *Colours:* As selected by the architect
  - .10 *Type of Installation:* Floating
- .3 Accessories :
  - .1 TORLYS Laminate Mouldings, as recommended by the Manufacturer
  - .2 *Colours:* As selected by the Architect

#### PART 2 – PACKAGING INFORMATION

- .1 *Pieces per carton:* 7
- .2 *Square metres/Square feet per carton:* 1.596 m<sup>2</sup> / 17.18 sq. ft.
- .3 *Weight per carton:* 12.46 kg / 27.46 lbs.

#### PART 3 – EXECUTION

- 3.1 Site Verification of Conditions and Preparation:
  - .1 Ensure sub-floors are clean, firm, flat (within 4.8 mm in 3 m or 3/16" in 10'), dry (less than 3% moisture on concrete, 10% or less on plywood) and smooth. TORLYS Manhattan Laminates can be installed above, on or below grade, over any solid and stable sub-floor including plywood, chipboard, old non-creaking flooring boards, hardwood flooring, concrete slabs, PVC and most ceramic tile (except heavily embossed tile).
  - .2 Remove all existing carpet, baseboards, quarter-rounds and thresholds. Undercut door jams using a piece of flooring material as guide.

- .3 Repair all defects in sub-floor.
- .4 Ensure all doors can still open and close after installing the floor (minimum 1 cm [3/8"] clearance). The doorframes may need to be adapted.
- .5 Make sure all doors and windows are in place and that the room where TORLYS Manhattan material is to be installed is at an approximate temperature of 15° to 21°C (60° to 70° F).

### 3.2 Installation

- .1 Cover all the sub-floor with TORLYS Acoustik™, TORLYS 3-in-1, TORLYS Safe&Sound or TORLYS Cork Underlayment, according to manufacturer's instructions. When using Cork Underlayment over concrete sub-floors, first cover the sub-floor with 0.15mm/6 mil underlayment grade poly, overlap edges by 30 cm (12"), damp-proof tape the joints and run poly up 10 cm (4") on each wall.
- .2 Install planks according to manufacturer's instructions. Expansion wedges must be used on walls to allow for proper expansion space (8 to 10 mm or 3/8"). Areas over 15 m (50') long or wide will require an expansion moulding.
- .3 Expansion space may be covered by a moulding, which is not fixed to the floor, but to the wall.
- .4 If a vapour barrier has been used, attach the baseboard through the plastic membrane sticking up from the floor, using finishing nails.

### 3.3 Cleaning

Clean the floor by sweeping or vacuuming, or use TORLYS Floor Cleaner.