

# RigidWood<sup>TM</sup> **FLEX** Elite



THE SMART ADVANTAGE SPC

PROFESSIONAL



BRONTE RW-FXE433



**TORLYS**  
smart floors

[torlys.com](http://torlys.com)

**The flexibility you want. The rigidity you need.**

A unique 8-layer, single press construction that results in the optimal blend of flexibility and rigidity. This advanced manufacturing process allows for beautifully deep textures and an extra stable floor that can be installed transition free, up to 80'x80' - any room, anywhere.

# TORLYS Smart Advantage



## WATERPROOF FLOORING

RigidWood™ is 100% waterproof – exclusively backed by TORLYS Flood Warranty.



## TORLYS FLOOD WARRANTY

RigidWood™ is protected from water damage to the floors caused by floods with TORLYS Flood Warranty.



## TORLYS BULLDOG™ EASY PLANK REPLACER

TORLYS Bulldog™ enables single planks of RigidWood™ to be replaced, quickly and easily. No mess, no dust, no downtime.



## MICROBAN®

With Microban® product protection built-in, the lifetime of the floor is extended by inhibiting the growth of degrading microbes while keeping the floor cleaner between cleanings.



## TRANSITION FREE

Install RigidWood™ floors transition free, up to 80'x80' - no more "speed bumps" in long hallways or doorways.

## Stable and Flexible Construction



- 1) TORLYS Maxx Finish with Microban®
- 2) Heavy Duty Wear Layer (22 mil / 0.55mm wear layer)
- 3) Decorative Print Film
- 4) PVC Top Layer
- 5) Fiberglass
- 6) Smart Core with patented Uniclic® joint
- 7) PVC Balance Layer
- 8) FoamPlus Blue™ Underlay with Microban®





# Elite



3/16" (T) x 7" (W) x 58-3/4" (L) (nominal)  
5.5mm (T) x 178mm (W) x 1492mm (L)

22 mil / 0.55mm wear layer

- Beautiful, deep EIR textured surfaces
- Matching painted bevels
- Superior scratch and stain resistance with TORLYS Maxx Finish
- TORLYS Maxx Finish with Microban® product protection keeps floors cleaner between cleanings
- Remarkable dimensional stability – peak/gap free – withstands 80°C temperature swings from -30°C - +50°C
- More dent resistant than traditional LVT
- No transitions in 80' x 80' spaces\*
- Can be fixed and floated on same floor\*
- TORLYS FoamPlus™ Blue Underlay attached with Microban® antimicrobial protection built in
- Suitable to install over radiant heat\*
- Conforms to subfloor for a quieter, more solid feel
- Matching flush stair nosing available
- IIC 73\*

\* Visit [www.torlys.com](http://www.torlys.com) for more information or contact TORLYS for details.

STONINGTON\* RW-FXE430 \*High Shade Variation

WICKHAM RW-FXE431

TRAFALGAR\* RW-FXE432 \*High Shade Variation

BRONTE RW-FXE433

ABBAY RW-FXE434



# ASTM and ANSI Product Performance Tests

Standard	Description	Test Result	Notes
ASTM E648-17	Critical Radiant Flux	Average Critical Radiant Flux: $\geq 0.45 \text{ W/cm}^2$	NFPA Life Safety Code 101 Classification: Class 1
ASTM E662-17a	Smoke Density	$\leq 450$	Passes $\leq 450$ Criteria, as per NFPA Life Safety Code 101
Phthalates, as per CPSC-CH-C1001-09.3 (California Proposition 65)	Phthalates	Does not contain phthalate esters	
RoSH	Heavy Metals	Pass	
ASTM D5116-10 (Small Chamber)	Formaldehyde Emissions	No Formaldehyde	
ANSI A137.1-2012 (aka DCOF AcuTest)	Coefficient of Friction (Floor Slip Resistance): a) Dynamic Coefficient of Friction(wet) Coefficient of Friction (Floor Slip Resistance): b) Static Coefficient of Friction (dry)	Mean Result: 0.44  Mean Result: 0.49	Passes the $\geq 0.42$ requirement
ASTM C518	Thermal Resistance (R value)	SI Units: $0.18 \text{ K}\cdot\text{m}^2/\text{W}$	Imperial Units: $1.04^\circ\text{F}\cdot\text{ft}^2\cdot\text{h}/\text{BTU}$
ASTM F925	Resistance to Chemicals	Slight Surface Change / Dulling by White Mineral Oil and NaOH Solution	The scale is 0-3; 0 = no change; 1 = slight change; 2 = moderate change; 3 = severe change
ASTM F1515	Resistance to Light	$\Delta E \leq 8$	Test result after 400 hours exposure
ASTM E492-09 (2016) - ASTM E989-06 (2012)	Impact Insulation Class	IIC 73	Contact TORLYS for details.
ASTM E90-09 (2016) / ASTM E413 - 16	Sound Transmission Coefficient	STC 60	

## Warranties

**30-Year Homeowner Limited Warranty** for Wear, Stain, and Water; and a Lifetime Structural and Joint Integrity/No Gapping Warranty.

**15-Year Limited Commercial,** Wear, Structural and Joint Integrity/No Gapping Warranty.

**Flood Warranty:** RigidWood™ Flex Elite is covered by an exclusive Flood warranty. Fully waterproof when installed with a perimeter seal. Visit [torlys.com](http://torlys.com) for full warranty and installation information.



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MK-BL-RW914