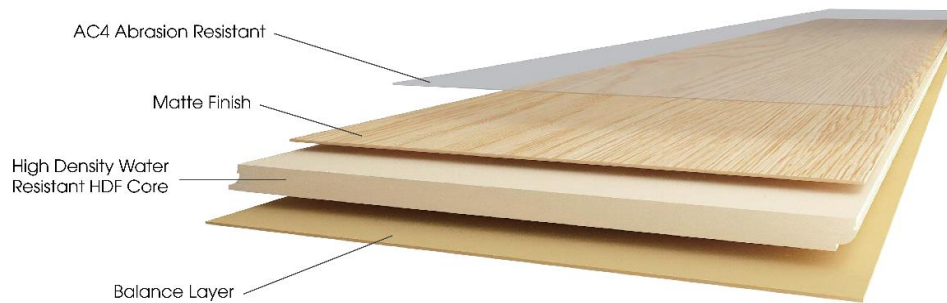**TwelveOaks®**
Your Value, Our Promise®

Features

• Unparalleled Durability | Water resistant flooring up to 80 hours. Ideal for bathrooms, basements and kitchens.

• Super Matte Finish | Beautiful matte finish with trendy and modern colour options.

• A Breeze to Install | Fastest & easiest installation with the strongest 5G locking profile.

• AC4 Rating | Scratch & stain resistant. Suitable for commercial use with moderate traffic.

• CARB/EPA Compliant | Safest flooring for children and pets.

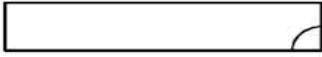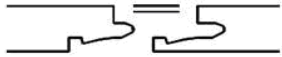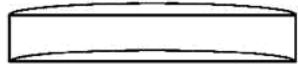• EIR Finish | EIR products are equipped with Registered Embossing Technology.

Product Information

Product Line	8mm and 12mm Water Resistant Laminate Flooring
Construction	Valinge 5G® Locking System
Dimensions	8mm x 196mm x 1216mm	12mm x 196mm x 1216mm
Core	High density water-resistant HDF core
Warranty	Please refer to Warranty
Installation	Please refer to Installation Instruction, Care and Maintenance Guide

Product Performance

Testing	Test Method	Test Result
Effect of a furniture leg	EN 424	No visible damage
Castor chair resistance	EN 425	No visible damage
Residual Indentation	ISO 24343-1	Average: 0.01mm
Abrasion resistance	EN 13329 Annex E, AC4 > 4000 (IP)	AC4
Big ball impact resistance	EN 13329 Annex F	Impact Height 770mm
Small ball impact resistance	EN 13329 Annex F	Max. force: 20N
Resistance to staining	EN 438 -2	No change
Surface soundness	EN 13329 Annex D: ≥1.0N/mm²	1.37 MPa
Static coefficient of friction	ASTM C1028-07	Dry: 0.88	Wet: 0.68
Reaction to fire	EN13501-1	Class Bfl-s1
Light fastness	EN ISO 20105A02: Grey scale ≥4	Blue wool scale ≥6	Pass

Tolerance

Dimensional stability	≤0.9mm
Thickness Variance	≤0.5mm
Openings between join panels	≤0.15mm
Dimension Tolerance Length & Width (mm)	Length: 0.50mm | 0.020 in Width: 0.20mm | 0.008 in
Squareness (mm)	ø± 0,10 mm max. - min. <= 0,20 mm
Height Variation (mm)	ø<= 0,10 mm max. 0,15 mm
Edge Straightness (mm)	= <= 0,30 mm
Flatness	Width Flatness, concave<0.15%, convex<0.20% Length Flatness, concave<0.50%, convex<1.0%

Packaging Information

	Length (mm)	Width (mm)	Thickness (mm)	Sq. ft. per Carton	Weight (lb. per carton)
Plank 8mm	1216	196	8		
Plank 12mm	1216	196	12		
Carton 8mm	1226	208	75	20.6	31
Carton 12mm	1226	208	82	15.4	34

Pallet Information

	Length (mm)	Width (mm)	Height (mm)	Volume (m³)	# of carton per Pallet	Sq. ft. /pallet	Weight (lb.)
Pallet 8mm	1226	1040	1000	1.28	70	1442	2170
Pallet 12mm	1226	1040	1166	1.49	65	1001	2210