

Product Spec Sheet

Gemtec Hardwood Creations – The Future of Flooring

In a world that's constantly evolving, where design trends and technology advance at an unprecedented pace, we believe in staying at the forefront of innovation. Gemtec has always been about pushing boundaries and redefining the possibilities of flooring solutions.

We're embracing the present and forging a path into the future of flooring. With luxurious wider and longer boards, Gemtec Creations is more durable and stable than regular engineered flooring with beautiful Premium Grade White Oak colour selections. With 360° water protection, eco-friendly, child- & pet-friendly materials and a superior wood core, the Future of Flooring has arrived. Developed by Twelve Oaks, Gemtec Hardwood Creations is the next frontier in flooring – made for life and the perfect “creation” for your home.

Features

Work of Art



Preferred by Designers



Beautifies Any Space



Enduring Quality



The Look of Luxury

Peace of Mind



360° Water Protection



Structural Stability for Heated Floors



Eco-Friendly & Family-Safe



Lifetime Warranty Protection

Product Information

Collection	Profile	Wood Species	Length	Width	Thickness
Hardwood Creation	Tongue and Groove	White Oak	86-5/8" 2200mm 95% full length planks	9-1/16" 230mm	3/4" 18mm

Finish	Sawn Method	Residential & Commercial Warranty	Installation	Installation Instruction	
Hand stained and finished with 8-10 Aluminum Oxide topcoats	Slice Cut	Lifetime Residential Limited Warranty	10-Year Light Commercial Warranty	Below, on or above grade	Please refer to Installation Instruction, Care and Maintenance Guide

Product Details

Finish	Wirebrushed
Grading	AB Grade
Average Length	86-5/8" 2200mm, 95% full length planks
Edge Profile	Micro V-beveled edge
Color Variation	Low to Medium
Environmental Credentials	FloorScore Certified

Product Performance

Testing	Test Method	Result
Abrasion Resistance	ASTM D4060-19	Cycles: 1000 The wood veneer was not worn through
Bond Line Test	ANSI/HPVA EF 2009	100% test specimens pass the third cycle
Fall Ball Impact	ASTM D1037-12	No visible fracture
Surface Wetting	ASTM D2394-17	No visible surface deterioration
Scratch Resistance	ISO 1518-1	No worn-out to the substrate
Temperature-Change Resistance	ASTM D1211-97	No visible change
Formaldehyde Emission	ASTM D6007-14	Not Detected
Resistance to Chemicals	ASTM F925-13	No Staining or other visible defects
Thickness Swelling	ASTM D1037-12	0.32%
Adhesion Test of Coating	ASTM D3359-17	5B
Coating Hardness	ASTM D3363-20	2H

Tolerance

Length Variance	≤2.0mm
Width Variance	≤0.5mm
Thickness Variance	≤0.5mm
Openings between join panels	≤0.3mm
Squareness (mm)	≤0.2mm
Height Variation (mm)	≤0.3mm
Flatness	Length Direction ≤1.0mm Width Direction ≤0.5mm
Moisture Content	7% - 10%

Packaging Information

	Length	Width	Thickness	Sq. ft.	Weight
	(mm)	(mm)	(mm)	per Carton	(lb. per carton)
Plank	2200	230	18		
Carton	2205	235	77	21.8	52

Pallet Information

	Dimension	Volume	# of carton	Sq. ft.	Weight
	(mm)	(m ³)	per Pallet	/pallet	(lb.)
Pallet	2210 (L) 945 (W) 1024(H)	2.14	48	1046.4	2526