








BRAVE

LITE COLLECTION

Hakwood


PRODUCT INFORMATION

	Species	European Oak
	Surface texture	Smooth
	Finish	Oil
	Grades	Plank options: Standard, Exclusive
	Construction	DuoPlank® LITE Engineered


DIMENSIONS

	Thickness	14 mm (9/16")
	Widths	180 (7")
	Lengths	1090, 1220, 1470, 1790, 1970, 2100, 2190, 2220, 2400, 2470 mm (3'7", 4', 4'10", 5'11", 6'6", 6'11", 7'2", 7'3", 7'10", 8'1")


INSTALLATION

	Plank	Glue down, floating 4-side tongue & groove

USAGE

	Recommended usage	Suitable for use in all project sectors: Residential, Commercial, Hospitality, Retail
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SUBFLOOR HEATING & COOLING

	Compatibility	Guarantee available when installed and maintained in accordance with Hakwood Subfloor Heating & Cooling document
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SUSTAINABILITY

FSC certified (Mix)

TEST METHOD

MINIMUM REQUIREMENT

PERFORMANCE

FSC® Certificate-Code:
SCS-COC-000609

Meets requirement
on request

ENGINEERED WOOD FLOORING STANDARD

TEST METHOD

MINIMUM REQUIREMENT

PERFORMANCE










CE (Conformité Européenne)
European standard

EN 14342

CE Compliant

Testing in progress

	NWFA (National Wood Flooring Association) U.S. Standard	ANSI/HPVA EF2009	NWFA Compliant	Testing in progress
LOW EMITTING MATERIALS		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
	E1 certificate	EN 717-7	E1 Compliant & E2 Compliant	Testing in progress
	California Air Resources Board (CARB) Certificate for formaldehyde	ASTM E1333	CARB 2 Compliant	Meets requirement
	Émissions dans l'air intérieur A+ label France national Volatile Organic Compound (VOC) A+ label	ISO 16000p 3,6,9	A+ / very low-emission	Testing in progress
	AgBB German label for low emissions	ISO 16000	Meets requirements	Testing in progress
	CA 01350 California Section 01350 Test for VOC Emissions	CA DPHS Standard Practice Section 01350	CA 01350 Compliant	Testing in progress
SLIP RESISTANCE		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
	EN14342 Wood flooring - characteristics, evaluation of conformity and marking	CEN/TS 15676 Determination of the anti-skid properties	59 USRV Unpolished Slip Resistance Value	Meets requirement
		DIN 51130	R9 (range 6° - 10°)	Meets requirement
		DIN 51097 / GUV-I 8527	B	Meets requirement
SCRATCH RESISTANCE		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
		DIN 68861	4E	Meets requirement
REACTION TO FIRE		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
	EN14342 Wood flooring + characteristics, evaluation of conformity and marking	EN 13501-1	Cfl-s1	Testing in progress
Installation information		Download the latest version at https://www.hakwood.com/en/downloads/		

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