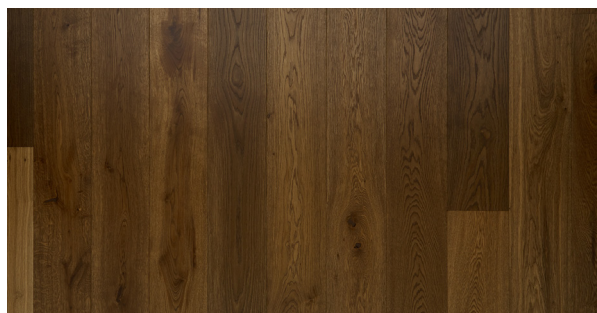







Charisma




Lite Collection



PRODUCT INFORMATION

	Species	European Oak (Quercus Robur/Petrea)
	Surface texture	Smooth
	Finish	Oil
	Grades	Plank options: Standard, Exclusive
	Construction	DuoPlank® 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
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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

TEST METHOD





MINIMUM REQUIREMENT

FSC certified (Mix)		FSC® Certificate-Code: SCS-COC-000609
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Version June 2023

ENGINEERED WOOD FLOORING STANDARD	TEST METHOD	MINIMUM REQUIREMENT
 CE (Conformité Européenne) European standard	EN 14342	CE Compliant
NWFA (National Wood Flooring Association) NWFA (National Wood Flooring Association)	ANSI/HPVA EF2009	NWFA Compliant

LOW EMITTING MATERIALS

 E1 certificate	EN 717-7	E1 Compliant & E2 Compliant
California Air Resources Board (CARB) Certificate for formaldehyde	ASTM E1333	CARB 2 Compliant
 Émissions dans l'air intérieur A+ label France national Volatile Organic Compound (VOC) A+ label	ISO 16000p 3,6,9	A+ / very low-emission
 AgBB German label for low emissions	ISO 16000	Meets requirements
 CA 01350 California Section 01350 Test for VOC Emissions	CA DPHS Standard Practice Section 01350	CA 01350 Compliant



SLIP RESISTANCE

 EN14342 Wood flooring - characteristics, evaluation of conformity and marking	CEN/TS 15676 Determination of the anti-skid properties	59 USRV Unpolished Slip Resistance Value
	DIN 51130	R9 (range 6° - 10°)
	DIN 51097 / GUV-I 8527	B

SCRATCH RESISTANCE

	DIN 68861	4E
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REACTION TO FIRE

 EN14342 Wood flooring + characteristics, evaluation of conformity and marking	EN 13501-1	Cfl-s1
 Flame spread & smoke development	ASTM E84	Class C
	NFPA 101	Class C
	ASTM E648-10NY	Class II