






# LUMEN

ASH COLLECTION




## PRODUCT INFORMATION

	<b>Species</b>	European Ash
	<b>Surface texture</b>	Smooth
	<b>Finish</b>	Oil
	<b>Grades</b>	Plank options: Premier 1-bis Dark
	<b>Construction</b>	Duoplank® Engineered


## DIMENSIONS

	<b>Thickness</b>	15, 20 mm (5/8", 3/4")
	<b>Plank widths</b>	80, 110, 142, 180, 240 mm (3 5/32", 4 11/32", 5 9/16", 7", 9 1/2")
	<b>Plank lengths</b>	1790, 1970, 2100, 2220, 2470 mm (5'11", 6'6", 6'11", 7'3", 8'1")


## INSTALLATION

	<b>Plank</b>	Glue down, floating 4-side tongue & groove
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## USAGE

	<b>Recommended usage</b>	Suitable for use in all project sectors: Residential, Commercial, Hospitality, Retail
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## SUBFLOOR HEATING & COOLING


	<b>Compatibility</b>	Guarantee available when installed and maintained in accordance with Hakwood Subfloor Heating & Cooling document
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SUSTAINABILITY	TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
<b>FSC certified (Mix)</b>		FSC® Certificate-Code: SCS-COC-000609	Meets requirement On request

ENGINEERED WOOD FLOORING STANDARD	TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
 <b>CE (Conformité Européenne)</b> European standard	EN 14342	CE Compliant	Meets requirement

LOW EMITTING MATERIALS		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
	<b>E1 certificate</b>	EN 717-7	E1 compliant & E2 compliant	Meets requirement
	<b>California Air Resources Board (CARB)</b> Certificate for formaldehyde	ASTM E1333	CARB Compliant	Meets requirement
	<b>Émissions dans l'air intérieur A+ label</b> France national Volatile Organic Compound (VOC) A+ label	ISO 16000p 3,6,9		Testing in progress
	<b>AgBB</b> German label for low emissions	ISO 16000		Testing in progress
	<b>CA 01350</b> California Section 01350 Test for VOC Emissions	CA DPHS Standard Practice Section 01350	CA01350 Compliant	Testing in progress

SLIP RESISTANCE		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
	<b>EN14342</b> Wood flooring - characteristics, evaluation of conformity and marking	CEN/TS 15676 Determination of the anti-skid properties		Testing in progress
		DIN 51130		Testing in progress
		DIN 51097 / GUW-I 8527		Testing in progress
		ASTM C1028-96		Testing in progress

SOUND TEST		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
	<b>Impact sound reduction</b>	EN ISO 140-8 EN ISO 717-2		Testing in progress

SCRATCH RESISTANCE		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
		DIN 68861		Testing in progress

REACTION TO FIRE		TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
	<b>EN14342</b> Wood flooring - characteristics, evaluation of conformity and marking	EN 13501-1		Testing in progress
	<b>Flame spread &amp; smoke development</b>	ASTM E84		Testing in progress
		NFPA 101		Testing in progress
		ASTM E648-10NY		Testing in progress

<b>Installation Information</b>	Download the latest version at <a href="https://www.hakwood.com/en/downloads/">https://www.hakwood.com/en/downloads/</a>
<b>Care &amp; Maintenance Instruction</b>	
<b>Subfloor Heating &amp; Cooling</b>	

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