






RUBENS


SIERRA COLLECTION




PRODUCT INFORMATION

	Species	European Oak
	Surface texture	Sawn surface
	Finish	Oil
	Grades	Plank options: Premier 1-bis, Classical Herringbone options: Premier 1-bis, Rustic, Classical
	Construction	Duoplank® Engineered


DIMENSIONS

	Thickness	15, 20 mm (5/8", 3/4")
	Plank widths	80, 110, 142, 180, 240 mm (3 5/32", 4 11/32", 5 9/16", 7", 9 1/2")
	Plank lengths	1790, 1970, 2100, 2220, 2470 mm (5'11", 6'6", 6'11", 7'3", 8'1")
	Herringbone dimensions	80 x 480, 85 x 510, 110 x 550, 115 x 575, 142 x 710, 180 x 1080 mm (3 5/32" x 18 29/32", 3 3/8" x 20 1/16", 4 11/32" x 21 5/8", 4 1/2" x 22 5/8", 5 9/16" x 27 15/16", 7" x 42 1/2)
	Chevron	30°: 80 x 660, 110 x 710, 142 x 710, 180 x 920 mm (3 5/32" x 25 31/32", 4 11/32" x 27 15/16", 5 9/16" x 27 15/16", 7" x 36 1/4") 45°: 80 x 550, 110 x 550, 142 x 660, 180 x 980 mm (3 5/32" x 21 5/8", 4 11/32" x 21 5/8", 5 9/16" x 25 31/32", 7" x 38 9/16") 60°: 80 x 510, 110 x 510, 142 X 510, 180 x 510 mm (3 5/32" x 20 1/16", 4 11/32" x 20 1/16", 5 9/16" x 20 1/16", 7" x 20 1/16")

INSTALLATION

	Plank	Glue down, floating 4-side tongue & groove
	Herringbone & Chevron	Glue down 1 side tongue, 2 side groove (Chevron includes left & right elements)

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	PERFORMANCE
FSC certified (Mix)		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	Meets requirement
NWFA (National Wood Flooring Association) U.S. Standard	ANSI/HPVA EF2009	NWFA Compliant	Meets requirement

LOW EMITTING MATERIALS	TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
 E1 certificate	EN 717-7	E1 compliant & E2 compliant	Meets requirement
California Air Resources Board (CARB) Certificate for formaldehyde	ASTM E1333	CARB 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	Meets requirement
 AgBB German label for low emissions	ISO 16000	Meets requirement	Meets requirement
 CA 01350 California Section 01350 Test for VOC Emissions	CA DPHS Standard Practice Section 01350	CA01350 Compliant	Meets requirement

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 / GUW-I 8527	B	Meets requirement
	ASTM C1028-96	0.63 (Dry) 0.63 (Wet) Static coefficient of friction	Meets requirement

SOUND TEST	TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE
 Impact sound reduction	EN ISO 140-8 EN ISO 717-2	20 mm: 14 dB [Lw] 15 mm: 16 dB [Lw]	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	Meets requirement
 Flame spread & smoke development	ASTM E84	Class C	Meets requirement
	NFPA 101	Class C	Meets requirement
	ASTM E648-10NY	Class II	Meets requirement
Installation Information	Download the latest version at https://www.hakwood.com/en/downloads/		
Care & Maintenance Instruction			
Subfloor Heating & Cooling			

Hakwood

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