



Technical Data Sheet

Sonokeling Herringbone Frame



- UVK 30% Transparent Sonokeling



- UVK 30% Transparent Sonokeling Sapwood

Construction	Position	Thickness	Species	Janka Hardness (N)	Brinell Hardness (KN)
	Top	approx 3.0 mm thickness surface layer of sawn timber	<i>Sonokeling (Dalbergia latifolia)</i>	14101	14.1
	Core (Frame)	10.0 mm thickness of Frame Joint Laminate Wood Strips			
	Bottom	2.0 mm thickness of Butt Joint Laminate Wood Strips			

Dimension 15 Thickness x 90 Width x 450 mm Length

Dimensional Tolerances

Thickness Tolerance	± 0.2 mm
Length Tolerance	± 0.5 mm
Width Tolerance	± 0.2 mm
Lipping Tolerance	≤ 0.2 mm
Double End Tolerance	≤ 0.2 % from width
Cupping Tolerance	≤ 0.2 % from width
Spring Tolerance	≤ 0.1 % from length
Bowing Top Tolerance	≤ 0.5 % from length
Bowing Bottom Tolerance	≤ 1 % from length
Moisture Content (7%)	+/- 1%

Density kg/m³	about 890
Thermal conductivity	0.210 W/mK
Areal thermal resistance	0.109 m ² K/W

Lamination: All 3 layers are glued together with right pressure and process with EPI (Ethylene Polyvinyl Isocyanate) glue from Henkel, Germany.

The bonding has been tested and it PASS the requirement of stringent ANSI (American National Standards Institute) test. The glue is a formaldehyde-free glue which also PASS the JAS Standard and achieve F** rate.**

Finishing UVK 30% Transparent.
The lacquer is free from formaldehyde and solvents.
The lacquer brand is from Klumpp Coatings, Germany.

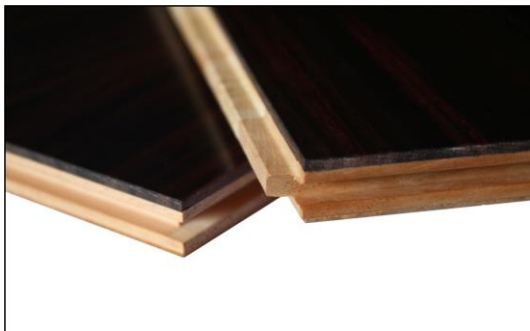
Test Criteria	Standard Test	Target Assessment	Value	Result
Gloss (%)	ASTM D523	+/- 5%	30-31 %	Pass
Resistance to Surface Wear	DIN 68861 TL 2	➔ Non Alox : IP > 100 Cycles (min)	180 (Non Alox)	Pass
	500 g weight / S-33	➔ Alox : IP > 400 cycles (min)		
Cross Hatch and Removal	EN ISO 2409 (0 Best-5 Worst)	0-1	0	Pass
Pencil Hardness	ASTM D3363	H-6H	3H	Pass
	 6B-5B-4B-3B-2B-B-HB-F-H-2H-3H-4H-5H-6H Softer Harder			
Resistance to Scratch	EN 438-2.25 (1 N Worst-5 N Best)	2-5 N	≥ 2 N	Pass

Finishing UVK 30% Alox.

The lacquer is free from formaldehyde and solvents.

The lacquer brand is from Klumpp Coatings, Germany.

Test Criteria	Standard Test	Target Assessment	Value	Result
Gloss (%)	ASTM D523	+/- 3%	29-30 %	Pass
Resistance to Surface Wear	DIN 68861 TL 2	◆ Non Alox : IP > 100 Cycles (min)	700 (Alox)	Pass
	500 g weight / S-33	◆ Alox : IP > 400 cycles (min)		
Cross Hatch and Removal	EN ISO 2409 (0 Best-5 Worst)	0-1	0	Pass
Pencil Hardness	ASTM D3363	H-6H	3H	Pass
	 6B-5B-4B-3B-2B-B-HB-F-H-2H-3H-4H-5H-6H Softer Harder			
Resistance to Scratch	EN 438-2.25 (1 N Worst-5 N Best)	2-5 N	≥ 2 N	Pass



Packaging Details: Using carton boxes then shrinkwrap

	M	per Pack	per Pallet
Board(s)	pc(s)	32	2048
Pack(s)	pc(s)	1	64
Square	m ²	1.30	82.94
Volume	m ³	0.02	1.24
Weight	kg(s)	17.78	1138.05

Installation Method : Refer to Kroya Technical Brochure

Maintenance and care Instruction: Refer to Kroya Technical Brochure

Website: www.kroyafloors.com