

SWISS FLOORS

Laminate floor coverings according to EN 13329

		GIANT	AQUASTOP	MEGA	LIBERTY	LIFESTYLE	SOLID CHROME	SOLID	SYNC CHROME	NOBLESSE V4 WIDE	NOBLESSE V4	NOBLESSE	PRESTIGE	
Thickness	mm	12	12	8	8	10	12	12	8	8	8	8	7	EN 13329
Width	mm	244	193	398	193	193	193	193	193	244	193	193	193	EN 13329
Length	mm	2025	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	130	EN 13329
Level of use		33	33	33	33	32	33	33	32	32	32	32	31	EN 13329
Abrasion resistance		AC 5	AC 5	AC 5	AC 5	AC 4	AC 5	AC 5	AC 4	AC 4	AC 4	AC 4	AC 3	EN 13329
Locking system		5G	AquaPearl	AquaPearl	AquaPearl	5G	5G	5G	5G	5G	5G	A2A	A2A	
Thickness swelling	%	≤ 15	≤ 8	≤ 8	≤ 8	≤ 18	≤ 15	≤ 15	≤ 18	≤ 18	≤ 18	≤ 18	≤ 18	EN 13329
Impact resistance	small ball	N	≥ 15	≥ 15	≥ 15	≥ 12	≥ 15	≥ 15	≥ 12	≥ 12	≥ 12	≥ 12	≥ 8	EN 13329
	big ball	mm	≥ 1000	≥ 1000	≥ 1000	≥ 750	≥ 1000	≥ 1000	≥ 750	≥ 750	≥ 750	≥ 750	≥ 500	
Warranty domestic commercial	years	35 5	35 5	35 5	35 5	25 3	30 5	30 5	25 3	25 2	25 2	25 2	15 1	
Micro-scratch resistance		MSR-A2	MSR-A2	MSR-A2	MSR-A2	MSR-A2	MSR-A2	MSR-A2	MSR-A2	MSR-A3	MSR-A3	MSR-A3	MSR-A3	EN 13329
Surface soundness	N/mm ²	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.0	EN 13329
Electrostatic propensity	kV	≤ 2	≤ 2	≤ 2	≤ 2	-	≤ 2	-	-	-	-	-	-	EN 1815
Thermal resistance	(m ² K)/W	0.089	0.089	0.059	0.059	0.075	0.089	0.089	0.059	0.059	0.059	0.059	0.054	EN 12667
Declaration of performance (DoP), antistatic	KCH_LF_005 KCH_LFa_005	•	•	•	•	•	•	•	•	•	•	•	•	
Effect of a furniture leg		No damage												EN 13329
Castor chair test		No damage												EN 13329
Resistance to staining		Groups 1, 2: level 5 Group 3: level 4												EN 13329
Light-fastness		Blue wool scale 6 Grey scale ≥ 4												EN 13329
Reaction to fire		C _{fl} -s1												EN 13501-1
Slip resistance		DS												EN 14041
VOC emission 28 days	µg/m ³	< 100												ISO 16000
Formaldehyde emission (raw HDF board)	ppm	≤ 0.1 (E1) ≤ 0.11 (CARB P2 / TSCA TITLE VI)												EN 717-1 ASTM D6007
Composition		Renewable energy > 90% wood fibres ~80% Swiss Wood UF-Resin ~15% no post-consumer recycled content												
Further information		no chlorides no biocides heavy-metal free coating Thermally recyclable												

Tolerances

Thickness, <i>t</i>	$\Delta t_{average}$	≤ 0.50 mm	Width of the surface layer, <i>w</i>	$\Delta w_{average}$	≤ 0.10 mm
	$t_{max} - t_{min}$	≤ 0.50 mm		$w_{max} - w_{min}$	≤ 0.20 mm
Length, <i>l</i>	Δl	≤ 0.50 mm	Squareness, <i>q</i>	q_{max}	≤ 0.20 mm
	Straightness, <i>s</i>	s_{max}		≤ 0.30 mm/m	Height differences between elements, <i>h</i>
Openings between elements, <i>o</i>		$o_{average}$	≤ 0.15 mm	h_{max}	
	Dimensional variations after changes in relative humidity, δ	Width: $\delta_{w, average}$	≤ 0.9 mm	Flatness, <i>f</i>	$f_{w, concave} \leq 0.15\%$ $f_{w, convex} \leq 0.20\%$
Length: $\delta_{l, average}$		≤ 0.9 mm	$f_{l, concave} \leq 0.50\%$ $f_{l, convex} \leq 1.00\%$		

Links

Care and maintenance:	www.epfl.com/en/laminate-made-europe/cleaning-and-care
Instructions on laying:	www.epfl.com/en/laminate-made-europe/laying
Product range, Info material:	www.swisskrono.ch/en/products/flooring.html
Warranty conditions:	www.swisskrono.ch/en/products/flooring/your-guarantee.html
Declaration of performance (DoP):	www.swisskrono.ch/dop
Certificates:	www.swisskrono.ch/