

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	244	193	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
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	-	-	-	-	-	-	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 _f -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)											EN 717-1	
	ppm	≤ 0.11 (CARB P2 / TSCA TITLE VI)											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			$w_{max} - w_{min}$
	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>	$h_{average}$	≤ 0.10 mm
	Openings between elements, <i>o</i>	$o_{average}$	≤ 0.15 mm		h_{max}	≤ 0.15 mm
		o_{max}	≤ 0.20 mm	Flatness, <i>f</i>	$f_{w, concave} \leq 0.15\% \mid f_{w, convex} \leq 0.20\%$	
	Dimensional variations after changes in relative humidity, δ	Width: δ_w average		≤ 0.9 mm		$f_{l, concave} \leq 0.50\% \mid f_{l, convex} \leq 1.00\%$
		Length: δ_l average		≤ 0.9 mm		

Links	Care and maintenance :	www.epfl.com/en/services/information-material
	Instructions on laying:	www.epfl.com/en/services/information-material
	Product range, Infomaterial :	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

