Swiss Floors Collection

		SWISS MAJESTIC	SWISS MAJESTIC WIDE	SWISS NOBLESSE V4	SWISS NOBLESSE V4 WIDE	SWISS PRESTIGE	SWISS SOLID	SWISS SOLID CHROME	SWISS SYNC CHROME	
Material thickness	mm	10	10	8	8	7	12	12	8	
Material thickness (imperial)	in	0.3937	0.3937	0.315	0.315	0.2756	0.4724	0.4724	0.315	
Material width	mm	244	329	193	244	193	193	193	193	
Material width (imperial)	in	9.6063	12.9528	7.5984	9.6063	7.5984	7.5984	7.5984	7.5984	
Material length	mm	1845	1845	1380	1380	1380	1380	1380	1380	
Material length (imperial)	in	72.6378	72.6378	54.3307	54.3307	54.3307	54.3307	54.3307	54.3307	
Declaration of performance code		KCH_L-Fa_007	KCH_LF_007	KCH_LF_007	KCH_LF_007	KCH_LF_007	KCH_LF_007	KCH_L-Fa_007	KCH_LF_007	
Surface soundness	N/mm²	1.25	1.25	1.25	1.25	1	1.25	1.25	1.25	DIN EN 13329
Thickness swelling	%	≤ 15	≤ 15	≤ 18	≤ 18	≤ 18	≤ 15	≤ 15	≤ 18	DIN EN 13329
Formaldehyde emission (ppm) E1	ppm	≤ 0.1								EN 717-1
Formaldehyde emission (ppm) CARB II / TSCA Title VI	ppm	≤ 0.11								ASTM D-6007
Reaction to fire (EU)		Bfl-s1								DIN EN 13501-1
Warranty Residential	a	30	30	25	25	15	30	30	25	
Warranty Commercial	a	2	2	2	2	1	5	5	3	
Usage class flooring (model)		33	33	32	32	31	33	33	32	
Type of edge		V-groove 4 sided								
Suitable for floor heating		Yes								
Thermal resistance	(m²K)/W	0.059	0.059	0.059	0.059	0.054	0.089	0.089	0.059	DIN EN 12667
Electrostatic propensity	kV	≤ 2	≤ 2	-	-	-	-	≤ 2	-	EN 1815
Slip resistance EU		DS								DIN EN 14041
Abrasion class info		AC5	AC5	AC 4	AC 4	AC 3	AC 5	AC 5	AC 4	
Locking system		5G+	5G+	5G	5G	A2A	5G	5G	5G	
Micro-scratch resistance		MSR-A2	MSR-A2	MSR-A3	MSR-A3	MSR-A3	MSR-A2	MSR-A2	MSR-A2	DIN EN 13329
Impact resistance small ball	N	≥ 15	≥ 15	≥ 12	≥ 12	≥ 8	≥ 15	≥ 15	≥ 12	DIN EN 13329
Impact resistance big ball	mm	≥ 1000	≥ 1000	≥ 750	≥ 750	≥ 500	≥ 1000	≥ 1000	≥ 750	DIN EN 13329
Resistance to staining (group 1)		Level 5 - No damage								DIN EN 13329
Resistance to staining (group 2)		Level 5 - No damage								DIN EN 13329
Resistance to staining (group 3)		Level 4								DIN EN 13329
Light-fastness Blue wool scale		6								DIN EN 13329
Light-fastness Grey scale		4								DIN EN 13329
Effect of a furniture leg		No damage								DIN EN 13329
Castor chair resistance		No damage								DIN EN 13329
Antibacterial		No								
VOC emission 28 days	µg/m³	< 100								DIN EN ISO 16000
Residual indentation	mm	≤ 0.05								DIN EN ISO 24343-1
Ecological properties		Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~84%	Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~84%	Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~80%	Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~80%	Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~80%	Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~80%	Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~80%	Heavy-metal free coating, No biocides, No chlorides, No post-consumer recycled wood, Renewable energy > 90%, Swiss wood, Thermally recyclable, UF resin ~14%, Wood fibres ~80%	

Tolerances

Thickness (average), *t*	$\Delta t_{average}$	≤ 0.5 mm
Thickness (Max-Min), *t*	$t_{max} - t_{min}$	≤ 0.5 mm
Length tolerance, *l*	Δl	≤ 0.5 mm
Width (average), *w*	$\Delta w_{average}$	≤ 0.1 mm
Width (Max-Min), *w*	$w_{max} - w_{min}$	≤ 0.2 mm
Edge straightness, *s*	s_{max}	≤ 0.3 mm/m
Squareness, *q*	q_{max}	0.2 mm
Openings between elements (average), *o*	$o_{average}$	≤ 0.15 mm
Openings between elements (max), *o*	o_{max}	≤ 0.2 mm

Dimensional variations after changes in relative humidity (width), *δ*	$\delta_{w\ average}$	≤ 0.9 mm
Dimensional variations after changes in relative humidity (length), *δ*	$\delta_{l\ average}$	≤ 0.9 mm
Height differences between elements (average), *h*	$h_{average}$	≤ 0.1 mm
Height differences between elements (max), *h*	h_{max}	≤ 0.15 mm
Flatness width, concave, *f*	$f_{w,\ concave}$	≤ 0.15 %
Flatness width, convex, *f*	$f_{w,\ convex}$	≤ 0.2 %
Flatness length, concave, *f*	$f_{l,\ concave}$	≤ 0.5 %
Flatness length, convex, *f*	$f_{l,\ convex}$	≤ 1 %

Notes & Links

Care and maintenance	https://www.swisskrono.com/ch-en/products/flooring/swiss-floors/#/
Instructions on laying	https://www.swisskrono.com/ch-en/products/flooring/laminate-guide/laying-instructions/#/
Product range, Infomaterial	https://www.swisskrono.com/ch-en/products/flooring/swiss-floors/%23#/
Warranty conditions	https://www.swisskrono.com/ch-en/products/flooring/laminate-guide/guarantee/#/
Declaration of performance (DoP)	https://www.swisskrono.com/ch-en/products/flooring/swiss-floors/#/