Product datasheet

SWISS **FLOORS**

MAJESTIC

Laminate floor coverings according to EN 13329

Thickness		mm	10	EN13329
Width		mm	244	EN13329
Length		mm	1845	EN13329
Declaration of performance			KCH_LF_007	
Surface soundness		N/mm^2	1.25	EN13329
Thickness swelling		%	≤15	EN13329
Formaldehyde emission	ppm		≤01 (E1)	
(raw HDF board)	ppm		≤0.11 (CARB P2/TSCA TITLE VI)	ASTM
Reaction to fire			B_{fl}-S1	EN13501-1
Warranty	domestic	years	30	
	commercial	years	2	
Level of use			33	EN13329
Type of edge			V-groove 4 sided	
Suitable for floor heating			Yes	
Thermal resistance	$(m^2K)/W$		0.059	EN 12667
Elctrostatic propensity	kV		≤2	
Slip resistance			DS	EN14041
Abrasion class info			AC 5	EN13329
Locking system			5G+	
Micro-scratch resistance			MSR-A2	EN13329
Impact resistance	small ball	N	≥15	EN13329
	big ball	mm	≥1000	
Resistance to staining			Level 5 - No damage	EN13329
Light fatness			Blue wool scsale 6 | Grey scale ≥4	EN13329
Effect of furniture leg			No damage	EN13329
Castor chair test			No damage	EN13329
Antibacterial			No	
VOC emission 28 days	$\mu g/m^3$		< 100	ISO 16000
Residual indentation	mm		≤0.05	ISO 24343-1
Ecological properties			Heavy-metal free coating, No biocides, No chloride, No post consumerrecycled wood, Renewable energy > 90%, Swiss wood, thermally recyclable, UF resin - 14%, Wood fibers - 84%	

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 %