

# SWISS FLOORS

## Laminate floor coverings according to EN 13329

### SYNC CHROME

<b>Thickness</b>	mm	8	EN 13329	
<b>Width</b>	mm	193	EN 13329	
<b>Length</b>	mm	1380	EN 13329	
<b>Level of use</b>		32	EN 13329	
<b>Abrasion resistance</b>		AC 4	EN 13329	
<b>Locking system</b>		5G		
<b>Thickness swelling</b>	%	≤ 18	EN 13329	
<b>Impact resistance</b>	small ball big ball	N mm	≥ 12 ≥ 750	EN 13329
<b>Warranty domestic   commercial</b>	years	25   3		
<b>Micro-scratch resistance</b>		MSR-A2	EN 13329	
<b>Surface soundness</b>	N/mm <sup>2</sup>	1.25	EN 13329	
<b>Electrostatic propensity</b>	kV	-	EN 1815	
<b>Thermal resistance</b>	(m <sup>2</sup> K) /W	0.059	EN 12667	
<b>Declaration of performance (DoP), antistatic</b>	KCH_LF_006 KCH_LFa_006	•		
<b>Effect of a furniture leg</b>		No damage	EN 13329	
<b>Castor chair test</b>		No damage	EN 13329	
<b>Resistance to staining</b>		Groups 1, 2: level 5   Group 3: level 4	EN 13329	
<b>Light fastness</b>		Blue wool scale 6   Grey scale ≥ 4	EN 13329	
<b>Reaction to fire</b>		C <sub>fl</sub> -s1	EN 13501-1	
<b>Slip resistance</b>		DS	EN 14041	
<b>VOC emission 28 days</b>	µg/m <sup>3</sup>	< 100	ISO 16000	
<b>Formaldehyde emission (raw HDF board)</b>	ppm	≤ 0.1 (E1) ≤ 0.11 (CARB P2 / TSCA TITLE VI)	EN 717-1 ASTM D6007	
<b>Composition</b>		Renewable energy > 90%   wood fibres ~80%   Swiss Wood   UF-Resin ~15%   no post-consumer recycled content   no chlorides   no biocides   heavy-metal free coating   Thermally recyclable		
<b>Further information</b>				

### Tolerances

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

### Links

Care and maintenance:	<a href="http://www.epfl.com/en/laminate-made-europe/cleaning-and-care">www.epfl.com/en/laminate-made-europe/cleaning-and-care</a>
Instructions on laying:	<a href="http://www.epfl.com/en/laminate-made-europe/laying">www.epfl.com/en/laminate-made-europe/laying</a>
Product range, info material:	<a href="http://www.swisskrono.com/ch-en/products/flooring/swiss-floors">www.swisskrono.com/ch-en/products/flooring/swiss-floors</a>
Warranty conditions:	<a href="http://www.swisskrono.com/ch-en/products/flooring/laminate-guide/guarantee">www.swisskrono.com/ch-en/products/flooring/laminate-guide/guarantee</a>
Declaration of performance (DoP):	<a href="http://www.swisskrono.com/ch-en/downloads/">www.swisskrono.com/ch-en/downloads/</a>
Certificates:	<a href="http://www.swisskrono.com/ch-en/about-us/swiss-krono-switzerland/certificates">www.swisskrono.com/ch-en/about-us/swiss-krono-switzerland/certificates</a>