KRONOSWISS®
WOOD SOLUTIONS

SENSOLINE 7MM

Menznau, September 1, 2013 | Version 1.0 (supersedes all previously published data)

Characteristics	**Attractive:**	Available in authentic, modern colour tones from light to dark and various individual, distinguished planks. A floor of timeless beauty to enrich any place.
	Innovative:	Looks and feels like a precious hardwood floor. Produced with the latest technology.
	Healthy:	Produced according to European standards. For a healthy living, emissions of vapours are the same as you would expect from wood in its natural state.
	Ecological:	wood from local sources – produced at the most modern, environmental friendly production facility of its kind.
	Resilient:	High abrasion (cl. AC3/31),
	Affordable:	Unbeatable price/performance ratio compared to traditional hard wood
	floors: You not only save initially when buying the floor but again later on in both money and time. It is a low maintenance and easy to care flooring. There is no need to wax, polish nor sanding it, and it stays looking like the day you laid it for years and years.	

Technical classification	Laminate floor covering according to EN 13329 High Density Fibreboard (HDF) Declaration of Performance (EN 14041): www.kronospan.ch/service/dop/	CE KCH_LFa_002

Use	Floor-Covering inside buildings

Levels of use

	Moderate	General	Heavy
Domestic	AC 1 / Cl. 21 Bed-, guestrooms	AC 2 / Cl. 22 Living-, dining rooms	AC 3 / Cl. 23 Kitchen, entrance halls
Commercial	AC 3 / Cl. 31 Hotel rooms, small offices		

Product structure	

Certification	Swiss Made Swiss Quality	Quality and Environment Management	Member of European Producers of Laminate Flooring	CO2-reduced fabrication	FSC-certified Flooring	Flooring from Swiss Wood

Warranty and maintenance	Residential warranty: 10 years Warranty conditions : www.kronospan.ch Care and maintenance: www.eplf.com/en/laminate/infomaterial.html

Product range and technical specifications

Product specifications

Size per board:	1380 x 193 x 7 mm | 54.33 x 7.6x 9/32"
1 Box contains:	9 boards in total 2.397 m^2 and 15 kg | 25.8 sqft / 33.07 lbs

Technical specifications

Characteristic	Symbol	Value	Standard
Thickness of the element, *t*	$\Delta t_{average}$	≤ 0.50 mm	EN 13329
	$t_{max} - t_{min}$	≤ 0.50 mm	
Length of the surface layer, **l**	Δl	≤ 0,50 mm	EN 13329
Width of the surface layer, **w**	$\Delta w_{average}$	≤ 0,10 mm	EN 13329
	$w_{max.} - w_{min.}$	≤ 0,20 mm	
Squareness of the element, **q**	$q_{max.}$	≤ 0,20 mm	EN 13329
Straightness of the surface layer, **s**	$s_{max.}$	≤ 0,30 mm/m	EN 13329
Flatness of the element, **f** Maximum single values	$f_{w, concave}$	≤ 0,15 %	EN 13329
	$f_{w, convex}$	≤ 0,20 %	
	$f_{l, concave}$	≤ 0,50 %	
	$f_{l, convex}$	≤ 1,00 %	
Openings between elements, **o**	$o_{average}$	≤ 0,15 mm	EN 13329
	$o_{max.}$	≤ 0,20 mm	
Height difference between elements, **h**	$h_{average}$	≤ 0,10 mm	EN 13329
	$h_{max.}$	≤ 0,15 mm	
Dimensional variations after changes in relative humidity	$\delta l_{average}$	≤ 0,9 mm	EN 13329
	$\delta w_{average}$	≤ 0,9 mm	
Light fastness	Blue wool scale	> 6	EN ISO 105-B02
	Grey scale	> 4	EN ISO 20105-A02
Static indentation		No visible change	EN 433
Surface soundness		≥ 1.5 N/mm^2	EN 13329
Abrasion resistance		AC 3, IP ≥ 2000 revolutions	EN 13329
Impact Resistance		IC 1	EN 13329
Resistance to staining		Class 5	EN 438
Effect of a furniture leg		Foot type 0: no damage	EN 424
Effect of a castor chair		25'000 cycles – no damage	EN 425
Thickness swelling		≤ 18 %	EN 13329
Reaction to Fire		Cfl-s1	EN 13501-1
Volatile Organic Compounds (VOC)		TVOC < 1000 µg	ISO 16000
Static electrical propensity		≤ 2 kV	EN 1815
Formaldehyde Emissions		< 0.1ppm (E1) | in application < 0.02ppm	EN 717-1
Thermal Resistance		0.089 (m^2K)/W	EN 12667
Slip resistance		DS	EN 14041
Ecology information acc. to SIA Product declaration SIA 493		Renewable energy > 90 % | wood fibre ~80 % UF adhesive ~15 % | Swiss wood | no post-consumer recycled content | no chlorides no biocides in the wood heavy metal free coating	SIA 493.05
Disposal		thermally recyclable	