



FLEX SILENT CORK Technical Datasheet

Flooring with O.R.C.A. Moisture Defense Technology, Level of use according to EN 16511: 23/34

with PerfectPad® Cork 1 mm

DIMENSION

dimension	thickness (d)	7 ± 0,50 mm · dmax - dmin ≤ 0,80 mm		
	length	638 ± 0,50 mm		
	width (b)	322 ± 0,10 mm · bmax - bmin ≤ 0,20 mm		
profile	long side	twin clic+	short side	1clic 2go pure+
groove	long side	v-groove	short side	v-groove



Heavy domestic use



Heavy commercial use

TOLERANCE

squareness	EN 16511	≤ 0,20 mm
straightness	EN 16511	≤ 0,30 mm
flatness crosswise	EN 16511	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness length	EN 16511	concave: ≤ 0,50% · convex: ≤ 1,00%
gaps between elements	EN 16511	average: ≤ 0,15 mm · max: ≤ 0,20 mm
height difference between elements	EN 16511	average: ≤ 0,10 mm · max: ≤ 0,15 mm

TEST

abrasion resistance	EN 16511	method B: ≥ 7000 cycles	
impact resistance	EN 16511	big ball ≥ 1800 mm	
micro scratch resistance	EN 16511	≤ MSR-A2	
stain resistance	group 1 & 2	EN 16511	grade 5**
	group 3		≥ grade 4
castor chair test	EN 16511	25.000 cycles	
effect of a furniture leg	EN 16511	no damage shall be visible, when tested with foot type 0	
static indentation	EN 16511	≤ 0,15 mm	
Light fastness	EN ISO 105-BO2:2014-08	Grey scale: 5	
locking strength	EN 13329	length ≥ 1 kN/m · width ≥ 3,5 kN/m	

ENVIRONMENT

emission of formaldehyde	EN 16516	class E1
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PHYSICAL BEHAVIOR

fire behavior	EN 13501-1	Cfl s1
slide resistance	EN 13893	technical class DS
thermal resistance	EN 12667	0,062 (m²K)/W ± 15%
walking sound reduction	IHD-W 431	37%
impact sound reduction	DIN EN ISO10140-3	15 dB

*For domestic use according to the conditions of guarantee. Detailed terms of guarantee: www.krono-original.com

**except organic solvents

kronospan

The data sheet is updated regularly to meet new technological standards.
This version replaces all previous versions as well as those which are undated.
This version takes effect upon creation. Version 12/2025

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