



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	1288 ± 0,50 mm		
	width (b)	189 ± 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 testet 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



The data sheet is updated regularly to meet new technological standards.
This version replaces all previous versions as well as those which are undated.
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