



CLEVER SILENT ECO Technical Datasheet

Flooring with O.R.C.A. Moisture Defense Technology, Level of use according to EN 13329: **23/32 - AC5**

with PerfectPad® Eco 1 mm

DIMENSION

dimension	thickness (d)	6+1 ± 0,50 mm · dmax - dmin ≤ 0,80 mm		
	length	1288 ± 0,50 mm		
	width (b)	195 ± 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



General commercial use

TOLERANCE

squareness	EN 13329	≤ 0,20 mm
straightness	EN 13329	≤ 0,30 mm
flatness crosswise	EN 13329	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness length	EN 13329	concave: ≤ 0,50% · convex: ≤ 1,00%
gaps between elements	EN 13329	average: ≤ 0,15 mm · max: ≤ 0,20 mm
height difference between elements	EN 13329	average: ≤ 0,10 mm · max: ≤ 0,15 mm

TEST

abrasion resistance	EN 13329	AC5 (≥ 6000 rpm)	
impact resistance	EN 13329	small ball ≥ 35 mm · big ball ≥ 600 mm	
stain resistance	group 1 & 2	EN 13329	grade 5
	group 3		≥ grade 4
castor chair test	EN 13329	no change in appearance or damage, as defined per EN 425	
effect of a furniture leg	EN 13329	no damage shall be visible, when tested with foot type 0	
static indentation	EN 13329	≤ 0,05 mm	
light fastness	EN 13329	grey scale ≥ 4 at blue wool grade 6	
dimensional variations after changes in relative humidity	EN 13329	lengthwise ≤ 0,9 mm · crosswise ≤ 0,9 mm	
locking strength	EN 13329	length ≥ 1 kN/m · width ≥ 2 kN/m	
surface soundness	EN 13329	≥ 1,25 N/mm ²	

ENVIRONMENT

emission of formaldehyde	EN 16516	class E1
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PHYSICAL BEHAVIOR

fire behavior	EN 13501-1	Bfl s1
slide resistance	EN 13893	technical class DS
walking sound reduction	IHD-W 431	35%**
impact sound reduction	DIN EN ISO10140-3	16 dB**
thermal resistance	EN 12667	0,067 (m ² K)/W ± 15%
thermal conductivity	EN 12664	0,184 W/(m ² K) ± 15%

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

** acc. to 7+1 mm



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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