



DURASTAR SILENT CORK

Technical Datasheet

Flooring with O.R.C.A. Moisture Defense Technology, Level of use according to EN 13329: **23/33 - AC6**

with PerfectPad® Cork 1 mm

DIMENSION

dimension	thickness (d)	8+1 ± 0,50 mm · dmax - dmin ≤ 0,80 mm		
	length	1288 ± 0,50 mm		
	width (b)	245 ± 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 13329	≤ 0,20 mm
straightness	EN 13329	≤ 0,30 mm
micro scratch resistance	EN 13329	≤ MSR-B2
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
misalignment		± 2 mm

TEST

abrasion resistance		EN 13329	AC6 (≥ 8500 rpm)
impact resistance		EN 13329	small ball ≥ 70 mm · big ball ≥ 750 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 testet 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/mm²

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	19%
impact sound reduction	DIN EN ISO10140-3	15 dB
thermal resistance	EN 12667	0,089 (m²K)/W ± 15%
antistatic behavior	EN 1815	body voltage ≤ 2 kV

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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 01/2026

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