

Technical Datasheet Altitude Collection

Direct Pressure Laminate, Level of use according to EN 13329: class **23/33 – AC5**



Heavy domestic use



Heavy commercial use

30 years
guarantee

The guarantee applies to the living area according to warranty regulations

DIMENSION

dimension	thickness (d)	12 ± 0,50 mm · dmax - dmin ≤ 0,50 mm		
	length	2000 ± 0,50 mm		
	width (b)	242 ± 0,10 mm · bmax - bmin ≤ 0,20 mm		
profile	long side	twin clic	short side	1clic2go Pure



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
misalignment		± 2 mm

TEST

abrasion resistance	EN 13329	A5 (≥ 6000 rpm)
impact resistance	EN 13329	small ball ≥ 15 N · big ball ≥ 1.000 mm
stain resistance	EN 13329	group 1 & 2: 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
thickness swelling	EN 13329	≤ 15%
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 717-1	Klasse 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	0,101 (m ² K)/W
thermal conductivity	EN 12664	0,120 W/(m*K)
Antistatic behavior	EN 1815	< 2Kw