

# Technical Datasheet

## Cello Supernatural Classic

Direct Pressure Laminate, Level of use according to EN 13329: class **23/32 – AC4**



Heavy domestic use



Commercial general use

### DIMENSION

dimension	thickness (d)	8 ± 0,50 mm · dmax - dmin ≤ 0,50 mm		
	length	1285 ± 0,50 mm		
	width (b)	192 ± 0,10 mm · bmax - bmin ≤ 0,20 mm		
profile	long side	twin clic	short side	1clic2go
	groove	long side	short side	

### 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	AC4 (≥ 4000 rpm)
impact resistance	EN 13329	small ball ≥ 12 N · big ball ≥ 750 mm
stain resistance	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	≤ 18%
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 <sup>2</sup>

### 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	0,073 (m <sup>2</sup> K)/W ± 15%
thermal conductivity	EN 12664	0,110 W/(m*K) ± 15%