

## Technical Datasheet Castello Classic

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



Heavy domestic use



General commercial use

**20** years

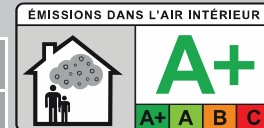
guarantee

The guarantee applies to the living area according to warranty regulations\*



### 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	twin clic



EN 14041:2004/AC:2006; Cfl-s1; E1; D5; PCP < 5ppm, Bodenbeläge für die Verwendung in Gebäuden, For internal use as floor coverings (see EN 14041), DOP: LW0012016/NB 0765; NB 0767; Kronoflooring GmbH, Mühlbacher Str.1, 01561 Lampertswalde, Germany, www.krono-original.com/en/guarantee

### 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	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	
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 <sup>2</sup> K) ± 15%

\*Detailed warranty conditions are available at [www.krono-original.com](http://www.krono-original.com)

For further information, please see: [www.blauer-engel.de](http://www.blauer-engel.de)

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 03/2017