

03/2014

Castello Classic

Direct Pressure Laminate

Level of use according to EN 13329:

class 23 / 32 - AC 4

domestic with heavy use



commercial with general use



<u>dimension</u>			
dimension	thickness (d)	8mm ± 0.50mm dmax – dmin ≤ 0.50mm	0.31" ± 0.50mm dmax – dmin ≤ 0.50mm
	length	1285mm ± 0.50mm	50.59" ± 0.50mm
	width (b)	192mm ± 0.10mm bmax – bmin ≤ 0.20mm	7.56" ± 0.10mm bmax – bmin ≤ 0.20mm
profile	long side	twin clic	short side twin clic
<u>tolerance</u>			
squareness	EN 13329	≤ 0.20mm	
straightness	EN 13329	≤ 0.30mm	
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: ≤ 0.15mm max: ≤ 0.20mm	
height difference between elements	EN 13329	average: ≤ 0.10mm max: ≤ 0.15mm	
misalignment		± 2mm	
<u>test</u>			
abrasion resistance	EN 13329	AC4 (≥ 4000rpm)	
impact resistance	EN 13329	IC2	
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	
thickness swelling	EN 13329	≤ 18%	
light fastness	EN 13329	blue wool scale	≥6
		grey scale	≥4
<u>environment</u>			
emission of formaldehyde		class E1	
<u>behavior</u>			
fire behavior	EN 13501-1	Cfl s1	
slip resistance	EN 13893	technical class DS	
thermal resistance	EN 12667	0.067 (m²K)/W	