

# Castello Classic

Direct Pressure Laminate

**Level of use according to EN 13329:**

class 23 / 32 - AC 4

domestic with heavy use



commercial with moderate use



<b><u>dimension</u></b>				
dimension	thickness (d)	8mm ± 0.50mm dmax - dmin ≤ 0.50mm		1/3" ± 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
<b><u>tolerance</u></b>				
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: ≤ 0.10mm		
misalignment		± 2mm		
<b><u>test</u></b>				
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	
<b><u>environment</u></b>				
emission of formaldehyde		class E1		
<b><u>behavior</u></b>				
fire behavior	EN 13501-1	Cfl s1		
slip resistance	EN 13893	technical class DS		
thermal resistance	EN 12667	0.067 (m²K)/W		