

Cello Tiles

Level of use according to EN 13329:

Class 23 / 32 – AC 4

domestic with heavy use



commercial with general use



product quality			
dimension	thickness	8,0 ± 0,50 mm dmax - dmin ≤ 0,50 mm	
	length	min.: 1276 mm, acc. to optical effect	
	width	327,0 ± 0,10 mm bmax - bmin ≤ 0,20 mm	
surface		AS - structure, CI - structure SP - structure	
panels per box		6	
boxes per pallet		30	
dimension tolerances			
squareness	EN 13329	≤ 0,20 mm	
straightness	EN 13329	≤ 0,30 mm	
flatness crosswise	EN 13329	conkav: ≤ 0,15 % convex: ≤ 0,20 %	
flatness length	EN 13329	conkav: ≤ 0,50 % convex: ≤ 1,00 %	
openings 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	
functional tests + surface tests			
abrasion resistance	EN 13329	AC4 (≥ 4000 Umdr.)	
impact resistance	EN 13329	IC2 (≥ 12 N / ≥ 1400 mm)	
resistance to staining	group 1 + 2	EN 438-2.15	grade 5
	group 3		≥ grade 4
effect of a castor chair	EN 13329	no change in appearance or damage, as defined in EN 425	
thickness swelling	EN 13329	≤ 18 %	
light fastness	EN 20105-B02	blue wool scale	≥ 6
	EN 20105-A02	grey scale	≥ 4
Environmental characteristics			
emission of Formaldehyde	EN 717	Class E1	
Physical characteristics			
heat conducting-state resistance	EN 12667	≤ 0,0912 m ² K / W	
reaction to fire	EN 13501-1	Cfl s1	
slip resistance	EN 13893	technical class DS	