

Technical Datasheet

Krono Xonic – 4 mm

Flooring for floating installation, Level of use according to EN 16511: **Class 34**

		30 years guarantee		
For intensively used living areas	For flooring subject to intensive use in commercial premises	30 year residential and 5 year commercial warranty	R9 anti-slip class	
DIMENSION				
dimension	thickness	4,0 mm · dmax - dmin ≤ 0,50 mm		
	length	1280 mm · lmax - lmin ≤ 0,50 mm		
	width	192 ± 0,10 mm · bmax - bmin ≤ 0,20 mm		
profile	long side	Compact Loc	short side	TopClick
	 			

TOLERANCE

squareness	EN 16511	≤ 0,20 mm
straightness	EN 16511	≤ 0,30 mm
flatness crosswise	EN 16511	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness length	EN 16511	concave: ≤ 0,50% · convex: ≤ 1,00%
gaps between elements	EN 16511	average: ≤ 0,15 mm · max: ≤ 0,20 mm
height difference between elements	EN 16511	average: ≤ 0,10 mm · max: ≤ 0,15 mm

TEST

abrasion resistance method B	EN 16511	≥ 7.000 rpm	
impact resistance	EN 16511	≥ 1.800 mm	
scratch resistance	EN 438-2	grade 5	
micro scratch resistance	EN 16511	≤ MSR-B2; ≤ MSR-A2	
stain resistance	group 1 & 2	grade 5	
	group 3	≥ grade 4	
castor chair test	EN 16511	no change in appearance or damage after 25.000 rpm	
movement of a furniture leg	EN 16511	no change in appearance	
thickness swelling	EN 16511	no swelling	
residual indentation	EN 16511	≤ 0,15 mm	
light fastness	EN 20105-B02	blue wool scale	≥ 6
	EN 20105-A02	grey scale	≥ 4
locking strength	EN 16511	long side	≥ 2,0 kN/m
		short side	≥ 3,5 kN/m
dimensional stability	EN 16511	≤ 0,25 %	

ENVIRONMENT

emission of formaldehyde	EN 717-1	Klasse E1, formaldehyde free, no emission
plasticizer	GC MS	contains no plasticizer

PHYSICAL BEHAVIOR

fire behavior	EN 13501-1	Bfl s1
slide resistance	EN 13893	technical class DS
slip resistance	EN 51130:2014	R 9
thermal resistance	EN 12667	0,027 (m²K)/W
thermal conductivity	EN 12664	0,146 W/(m*K)
walking noise reduction	IHD-W-431	43%
impact sound reduction	EN ISO 140-8	5 dB