

## Technical Datasheet

### Finesse Floor with RCB Technology – 5 mm

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

				
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	m m f a
<b>DIMENSION</b>				
dimension	thickness	5,0 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
 				

<b>TOLERANCE</b>			
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	

<b>TEST</b>			
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	EN 16511	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 %	

<b>ENVIRONMENT</b>			
emission of formaldehyde	EN 171-1	Klasse E1, formaldehyde free, no emission	
plasticizer	GC MS	contains no plasticizer	

<b>PHYSICAL BEHAVIOR</b>			
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	0,061 (m²K)/W	
thermal conductivity	EN 12664	0,084 W/(m²K)	
effective for walking noise reduction	IDH-W-431	47%	
antistatic behavior	EN ISO 140-8	19 dB	