

# Technical Datasheet

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

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



ÉMISSIONS DANS L'AIR INTÉRIEUR  
**A+**  
A+ A B C



EN14041:2008-05  
**CE**  
14  
DOP:ST0012015

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

TEST			
abrasion resistance method B	EN 16511	$\pm$ 7.000 rpm	
impact resistance	EN 16511	$\pm$ 1.800 mm	
scratch resistance	EN 438-2	grade 5	
micro scratch resistance	EN 16511	$\pm$ MSR-B2; $\pm$ MSR-A2	
stain resistance	group 1 & 2	EN 16511	grade 5
	group 3		$\pm$ 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	$\pm$ 0,15 mm	
light fastness	EN 20105-B02	blue wool scale	$\pm$ 6
	EN 20105-A02	grey scale	$\pm$ 4
locking strength	EN 16511	long side	$\pm$ 2,0 kN/m
		short side	$\pm$ 3,5 kN/m
dimensional stability	EN 16511	$\pm$ 0,25 %	

ENVIRONMENT		
emission of formaldehyde	EN 171-1	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	0,061 (m <sup>2</sup> K)/W
thermal conductivity	EN 12664	0,084 W/(m <sup>2</sup> K)
effective for walking noise reduction	IDH-W-431	47%
impact sound reduction	EN ISO 140-8	19 dB