

### 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



#### DIMENSIONS

	thickness	5,0 mm
dimensions	Integrated Underlay	1,0 mm
	length	1210 mm
	width	192 mm
profile	long side	1clic 2go pure
groove	long side	
	short side	1clic 2go pure
	short side	

#### TOLERANCE

squareness	EN 16511	≤ 0,20 mm
straightness	EN 16511	≤ 0,30 mm / m
flatness crosswise	EN 16511	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness lengthwise	EN 16511	concave: ≤ 0,50% · convex: ≤ 1,00%
openings 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	≥ 7000 cycles
impact resistance	EN 16511	≥ 1800 mm
micro scratch resistance	EN 16511	≤ MSR-A2
stain resistance	group 1 & 2 EN 16511 group 3	grade 5 grade 5
castor chair test	EN 16511	no change in appearance after 25.000 cycles
effect of furniture leg	EN 16511	no visible damage
thickness swelling	EN 16511	no swelling
residual indentation	EN 16511	≤ 0,15mm
light fastness	EN 20105-B02 EN 20105-A02	blue wool scale grey scale
locking strength	EN 16511	long side short side
dimensional stability	EN 16511	≤ 0,25 %

#### ENVIRONMENT

emission of formaldehyde	EN 717-1	class E1, formaldehyde free, no emission
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#### PHYSICAL BEHAVIOR

fire behaviour	EN 13501-1	Bfl-s1
slide resistance	EN 13893	DS
thermal resistance	EN 12667	0,025 (m <sup>2</sup> K)/W
thermal conductivity	EN 12667	0,23 W/(m*K)
walking noise reduction	IHD-W-431	38%
impact sound reduction	EN ISO 10140-3	16 dB