

Technical datasheet 4 mm

Flooring of floating installation, Level of use according to EN 16511 : Class 32



For flooring subject to intensive use in commercial premises



For intensively used living areas



DIMENSIONS		
dimensions	thickness	4,00 mm · tmax - tmin ≤ 0,50 mm
	length	1280 mm · lmax - lmin ≤ 0,50 mm
	width	192,0 ± 0,10 mm · wmax - wmin ≤ 0,20 mm
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	≥ 3000 cycles
impact resistance	EN 16511	≥ 1200 mm
micro scratch resistance	EN 16511	≤ MSR-A3
stain resistance	group 1 & 2	grade 5
	group 3	grade 4
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	≤ 0,20mm
locking strength	EN 16511	f _{10,2} ≥ 1 kN/m (length); f _{50,2} ≥ 1,5 kN/m (width)
dimensional stability	EN 16511	≤ 0,25 %
ENVIRONMENT		
emission of formaldehyde	EN 717-1	class E1, formaldehyde free, no emission
PHYSICAL BEHAVIOR		
fire behaviour	EN 13501-1	Bfl-s1
slide resistance	EN 13893	DS
thermal resistance	EN 12667	0,01 (m ² K)/W
electrostatic behaviour	EN 1815	Antistatic floor covering

The data sheet is updated regularly to meet new technological standards. This version replaces all previous versions as well as those which are undated. This version takes effect upon creation. Version 01/2019