

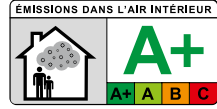


1285 x 192 x 8 mm  
PACKAGE: 9 PANELS | 2.22 m<sup>2</sup> | 16 kg



[www.blauer-engel.de/uz176](http://www.blauer-engel.de/uz176)

Support material: HDF, E1 low-swelling  
glue-laminated  
Density 830–900 kg/m<sup>3</sup>  
Decorative layer: 0.2 mm



According to EN 13329 it is suitable for all living areas with intensive use and for commercial areas with medium use

#### DIMENSION

dimension	thickness (d)	8 ± 0.50 mm · dmax - dmin ≤ 0.50 mm		
	length	1285 ± 0.50 mm		
	width (b)	192 ± 0.10 mm · bmax - bmin ≤ 0.20 mm		
profile	long side	twin click	short side	1 clic 2go pure
groove	long side	v-groove	short side	v-groove

**O.R.C.A.**<sup>®</sup>  
ORGANIC RIGID COREBOARD ANTISTATIC  
**MOISTURE DEFENSE TECHNOLOGY**

#### TOLERANCE

squareness	EN 13329	≤ 0.20 mm
straightness	EN 13329	≤ 0.30 mm
micro scratch resistance	EN 13329	≤ MSR-B2
flatness crosswise	EN 13329	concave: ≤ 0.15% · convex: ≤ 0.20%
flatness length	EN 13329	concave: ≤ 0.50% · convex: ≤ 1.00%
gaps between elements	EN 13329	average: ≤ 0.15 mm · max: ≤ 0.20 mm
height difference between elements	EN 13329	average: ≤ 0.10 mm · max: ≤ 0.15 mm
misalignment		± 2 mm

#### TEST

abrasion resistance	EN 13329	AC5 (≥ 6000 rpm)
impact resistance	EN 13329	small ball ≥ 15 N · big ball ≥ 1000 mm
stain resistance	EN 13329	group 1 & 2 grade 5
		group 3 ≥ grade 4
castor chair test	EN 13329	no change in appearance or damage, as defined per EN 425
effect of a furniture leg	EN 13329	no damage shall be visible, when testet with foot type 0
thickness swelling	EN 13329	≤ 5%***
static indentation	EN 13329	≤ 0.05 mm
light fastness	EN 13329	grey scale ≥ 4 at blue wool grade 6
dimensional variations after changes in relative humidity	EN 13329	lengthwise ≤ 0.9 mm · crosswise ≤ 0.9 mm
locking strength	EN 13329	length ≥ 1 kN/m · width ≥ 2 kN/m
surface soundness	EN 13329	≥ 1.25 N/mm <sup>2</sup>

#### ENVIRONMENT

emission of formaldehyde	EN 717-1	class E1
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#### PHYSICAL BEHAVIOR

fire behavior	EN 13501-1	Cfl s1
slide resistance	EN 13893	technical class DS
thermal resistance	EN 12667	0.073 (m <sup>2</sup> K)/W ± 15%
thermal conductivity	EN 12664	0.110 W/(m*K) ± 15%
antistatic behavior	EN 1815	body voltage ≤ 2 kV

\*\*\* referring to Binyl Pro 12 mm

