

**Technical Datasheet**  
**NOVELLA Laminated Flooring 8mm**  
**EN 13329: Class 23/31 – AC3**  
Heavy domestic use Heavy commercial use



001-DOP-2018/04/20  
EN 14041:2018; Cfl-s1; E1; DS; PCP<undetermined; 0,156 W/(m\*K)  
For internal use as floor coverings (see EN 14041);

DIMENSION		
thickness (t)	8 ± 0,50 mm · tmax - tmin ≤ 0,50 mm	
length	1285 ± 0,50 mm	
width (w)	192 ± 0,10 mm · wmax - wmin ≤ 0,20 mm	
profile	long side - twin clic	short side – twin clic

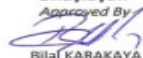
TOLERANCE		
squareness	EN 13329+A2	≤ 0,20 mm
straightness	EN 13329+A2	≤ 0,30 mm/m
flatness crosswise	EN 13329+A2	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness length	EN 13329+A2	concave: ≤ 0,50% · convex: ≤ 1,00%
gaps between elements	EN 13329+A2	average: ≤ 0,15 mm · max: ≤ 0,20 mm
height difference between elements	EN 13329+A2	average: ≤ 0,10 mm · max: ≤ 0,15 mm

TEST		
abrasion resistance	EN 13329+A2	AC3 ≥ 2000 rpm
impact resistance	EN 13329+A2	IC2 small ball ≥ 10mm big ball ≥ 500 mm
stain resistance	group 1 & 2	EN 438
	group 3	grade 5
castor chair test	EN 425:2002	no change in appearance or damage, as defined per EN 425
effect of a furniture leg	EN 424	no damage shall be visible, when tested with foot type 0
thickness swelling	ISO 24336	≤ 18%
light fastness	EN 20105-A02 EN ISO4892-2:200	grey scale ≥ 4 blue wool grade ≥ 6
dimensional vary. after changes in relative humidity	ISO 24339	lengthwise ≤ 0,9 mm crosswise ≤ 0,9 mm
surface soundness	EN 13329+A2	≥ 1,0 N/mm <sup>2</sup>
Internal Bond	EN 319	> 1,50 N/mm <sup>2</sup>
Density	EN 323	> 870 kg/m <sup>3</sup>

ENVIRONMENT		
emission of formaldehyde	EN 717-1	Class E1
content of PCP	CEN/TR 14823:2004	< d. l. (undeterminable) PCP ≤ 5x10 <sup>-6</sup> n

PHYSICAL BEHAVIOR		
fire behavior	EN 13501-1	Cfl-s1
slip resistance	EN 13893	technical class: DS
thermal resistance	EN 12667	0,058 (m <sup>2</sup> K)/W
thermal conductivity	EN 12664	0,156 W/(m*K)

\* Technical Data Sheet Prepared according to AC3 Class 31 laminated flooring

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