

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



001-DOP-2018/04/20
EN 14041:2004/AC:2006;
Cfl-s1; E1; DS;
PCP<undetermined
For internal use as floor coverings (see EN 14041);

DIMENSION		
thickness (t)	$8 \pm 0,50 \text{ mm} \cdot t_{\max} - t_{\min} \leq 0,50 \text{ mm}$	
length	$1285 \pm 0,50 \text{ mm}$	
width (w)	$192 \pm 0,10 \text{ mm} \cdot w_{\max} - w_{\min} \leq 0,20 \text{ mm}$	
profile	long side - twin clic short side – twin clic	

TOLERANCE		
squareness	EN 13329+A1	$\leq 0,20 \text{ mm}$
straightness	EN 13329+A1	$\leq 0,30 \text{ mm/m}$
flatness crosswise	EN 13329+A1	concave: $\leq 0,15\%$ · convex: $\leq 0,20\%$
flatness length	EN 13329+A1	concave: $\leq 0,50\%$ · convex: $\leq 1,00\%$
gaps between elements	EN 13329+A1	average: $\leq 0,15 \text{ mm}$ · max: $\leq 0,20 \text{ mm}$
height difference between elements	EN 13329+A1	average: $\leq 0,10 \text{ mm}$ · max: $\leq 0,15 \text{ mm}$

TEST		
abrasion resistance	EN 13329+A1	AC4 $\geq 4000 \text{ rpm}$
impact resistance	EN 13329+A1	IC2 small ball $\geq 12 \text{ N}$ big ball $\geq 750 \text{ mm}$
stain resistance	group 1 & 2	EN 438
	group 3	$\geq \text{grade 4}$
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	$\leq 18\%$
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 $\leq 0,9 \text{ mm}$ crosswise $\leq 0,9 \text{ mm}$
surface soundness	EN 13329+A1	$\geq 1,25 \text{ N/mm}^2$
Internal Bond	EN 319	$> 1,50 \text{ N/mm}^2$
Density	EN 323	$> 870 \text{ kg/m}^3$
ENVIRONMENT		
emission of formaldehyde	EN 717-1	Class E1
PHYSICAL BEHAVIOR		
fire behavior	EN 13501-1	Cfl-s1
slip resistance	EN 13893	technical class DS= 0,48 μ
thermal resistance	EN 12667	0,0519 (m ² K)/W
thermal conductivity	EN 12664	0,156 W/(m*K)

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