



Technical Datasheet

Direct Pressure Laminate, Level of use according to EN 13329: **23/31 - AC3**

DIMENSION				
dimension	thickness (d)	$7 \pm 0,50 \text{ mm} \cdot d_{\text{max}} - d_{\text{min}} \leq 0,50 \text{ mm}$		
	length	$1285 \pm 0,50 \text{ mm}$		
	width (b)	$192 \pm 0,10 \text{ mm} \cdot b_{\text{max}} - b_{\text{min}} \leq 0,20 \text{ mm}$		
profile	long side	twin clic	short side	twin clic
groove	long side	v-groove	short side	v-groove



Heavy domestic use



Moderate commercial use

TOLERANCE		
squareness	EN 13329	$\leq 0,20 \text{ mm}$
straightness	EN 13329	$\leq 0,30 \text{ mm}$
flatness crosswise	EN 13329	concave: $\leq 0,15\%$ · convex: $\leq 0,20\%$
flatness length	EN 13329	concave: $\leq 0,50\%$ · convex: $\leq 1,00\%$
gaps between elements	EN 13329	average: $\leq 0,15 \text{ mm}$ · max: $\leq 0,20 \text{ mm}$
height difference between elements	EN 13329	average: $\leq 0,10 \text{ mm}$ · max: $\leq 0,15 \text{ mm}$
misalignment		$\pm 2 \text{ mm}$

TEST			
abrasion resistance		EN 13329	AC3 (≥ 2000 rpm)
impact resistance		EN 13329	small ball ≥ 10 mm · big ball ≥ 500 mm
stain resistance	group 1 & 2	EN 13329	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 tested with foot type 0
thickness swelling		EN 13329	≤ 18%
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
surface soundness		EN 13329	≥ 1,00 N/mm²

ENVIRONMENT		
emission of formaldehyde	EN 16516	class E1

PHYSICAL BEHAVIOR		
fire behavior	EN 13501-1	Cfl s1
slide resistance	EN 13893	technical class DS
thermal resistance	EN 12667	$0,062 \text{ (m}^2\text{K)/W} \pm 15\%$
thermal conductivity	EN 12664	$0,110 \text{ W/(m}^2\text{K)} \pm 15\%$

* For domestic use according to the conditions of guarantee.

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The data sheet is updated regularly to meet new technological standards.
This version replaces all previous versions as well as those which are undated.
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