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Technical Datasheet

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



Heavy domestic use



Moderate commercial use

DIMENSION

dimension	thickness (d)	$7 \pm 0,50 \text{ mm} \cdot d_{\text{max}} - d_{\text{min}} \leq 0,50 \text{ mm}$		
	length	$1288 \pm 0,50 \text{ mm}$		
	width (b)	$195 \pm 0,10 \text{ mm} \cdot b_{\text{max}} - b_{\text{min}} \leq 0,20 \text{ mm}$		
profile	long side	twin clic+	short side	1clic 2go pure+

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 ($\geq 2000 \text{ rpm}$)
impact resistance	EN 13329	small ball $\geq 10 \text{ mm}$ · big ball $\geq 350 \text{ mm}$
stain resistance	group 1 & 2	grade 5
	group 3	$\geq \text{grade 4}$
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	$\leq 18\%$
static indentation	EN 13329	$\leq 0,05 \text{ mm}$
light fastness	EN 13329	grey scale ≥ 4 at blue wool grade 6
dimensional variations after changes in relative humidity	EN 13329	lengthwise $\leq 0,9 \text{ mm}$ · crosswise $\leq 0,9 \text{ mm}$
surface soundness	EN 13329	$\geq 1,0 \text{ N/mm}^2$

ENVIRONMENT

emission of formaldehyde	EN 16516	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	$0,062 \text{ (m}^2\text{K)/W} \pm 15\%$
thermal conductivity	EN 12664	$0,110 \text{ W/(m}^*\text{K)} \pm 15\%$

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 09/2024