

Technical Datasheet

Flooring with Moisture Defense Technology, Level of use according to EN 13329: **23/32 - AC5**



DIMENSION				
dimension	thickness (d)	6+1 ± 0,50 mm · dmax - dmin ≤ 0,50 mm		
	length	2003 ± 0,60 mm		
	width (b)	245 ± 0,10 mm · bmax - bmin ≤ 0,20 mm		
profile	Drop-Down			
groove	long side	v-groove	short side	v-groove



Heavy domestic use



General 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: $\leq 0,15 \text{ mm}$

TEST		
abrasion resistance	EN 13329	AC5 ($\geq 6000 \text{ rpm}$)
impact resistance	EN 13329	small ball $\geq 70 \text{ mm}$ · big ball $\geq 1000 \text{ mm}$
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
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 $\leq 0,9 \text{ mm}$
locking strength	EN 13329	length $\geq 1 \text{ kN/m}$ · width $\geq 2 \text{ kN/m}$
surface soundness	EN 13329	$\geq 1,25 \text{ N/mm}^2$

ENVIRONMENT		
emission of formaldehyde	EN 16516	class E1

PHYSICAL BEHAVIOR		
fire behavior	EN 13501-1	Bfl s1
slide resistance	EN 13893	technical class DS
walking sound reduction	IHD-W 431	31%
impact sound reduction	DIN EN ISO10140-3	14 dB
thermal resistance	EN 12667	$0,071 \text{ (m}^2\text{K)/W} \pm 15\%$

*For domestic use according to the conditions of guarantee.

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 12/2023

