

# Technical Datasheet

## X-Way

Direct Pressure Laminate, Level of use according to EN 13329: class **23/32 – AC5**



Heavy domestic use



General commercial use

**30** years

guarantee

30 year residential  
and 5 year commercial warranty\*

### DIMENSION

dimension	thickness (d)	10 ± 0,50 mm · dmax - dmin ≤ 0,50 mm		
	length	628 ± 0,50 mm		
	width (b)	157 ± 0,10 mm · bmax - bmin ≤ 0,20 mm		
profile	long side	quattro clic	short side	quattro clic
	groove	long side		short side

### TOLERANCE

squareness	EN 13329	≤ 0,20 mm
straightness	EN 13329	≤ 0,30 mm
flatness crosswise	EN 13329	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness length	EN 13329	concave: ≤ 0,50% · convex: ≤ 1,00%
gaps between elements	WN-102*	average: ≤ 0,15 mm · max: ≤ 0,30 mm
height difference between elements	WN-102*	average: ≤ 0,30 mm · max: ≤ 0,40 mm
misalignment		± 2 mm

### TEST

abrasion resistance	EN 13329	AC5 (≥ 6000 rpm)	
impact resistance	EN 13329	small ball ≥ 12 N · big ball ≥ 750 mm	
micro scratch resistance	EN 13329	≤ MSR-B2	
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	
locking strength	EN 13329	length ≥ 1 kN/m · width ≥ 2 kN/m	
surface soundness	EN 13329	≥ 1,25 N/mm <sup>2</sup>	

### 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	0,091 (m <sup>2</sup> K)/W ± 15%
thermal conductivity	EN 12664	0,120 W/(m·K) ± 15%

\*Detailed warranty conditions and company standard WN-102 are available at [www.krono-original.com](http://www.krono-original.com)

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 05/2020