

DIMENSIONS

FORMAT	Magnitude	
Width	190,5	mm
Length	1257	mm
Number of panels per pack	9	
m ² per pack	2,155	m ²
Bevels	micro 4V	
Thickness	8	mm
Tongue and groove	FitXpress	

FACTORY WARRANTY

	METHOD	PARAMETERS	Balterio VALUES	
Usage class	EN 13329		Class	21-22-23/31-32
CE	EN 14041	Notified body	NB0766 EPH Dresden	
Warranty	Residential use	See warranty conditions	25	years
	Commercial use	See warranty conditions	12	years

GENERAL DATA (ACCORDING TO EN 13329)

	METHOD	PARAMETERS	NORM REQUIREMENTS	Balterio VALUES	
Wear resistance	EN 13329		≥ 4000 cycles	≥ 4000 cycles	
Wear class	EN 13329		AC4	AC4	
Impact resistance	EN 13329	Small ball	≥ 12N	≥ 12N	
		Big ball	≥ 750mm	≥ 750mm	
Scratch resistance	EN 438-2, 25		Charge ≥ 3N	Charge ≥ 5N	
Effect of a castor chair	ISO 4918 (with underlay)		25000 cycles	No change	
Thickness swelling	ISO 24336	After 24h immersion at 20°C	≤ 18%	≤ 12%	
Locking strength	ISO 24334	F10,2 long side	≥ 1 kN/m	≥ 1 kN/m	
		Fmax long side		≥ 1 kN/m	
		Fs0,2 short side	≥ 2 kN/m	≥ 2 kN/m	
		Fmax short side		≥ 2 kN/m	
Effect of a furniture leg	EN 424		No damage shall be visible, when tested with foot type 0	No visible damage	
Surface soundness	EN 13329	N/mm ²	≥ 1,25	≥ 1,50	
Static indentation	EN 433		residual indentation ≤ 0,05 mm	No visible change	
Resistance to staining	EN 438	Group 1,2	Class 5	Class 5	
		Group 3	Class 4	Class 4	
General appearance	EN 13329	Height differences	≤ 0,15 mm	≤ 0,10 mm	
		Opening between joints	≤ 0,20 mm	≤ 0,10 mm	
		Cupping in the length	concave ≤ 0,50%		≤ 0,50%
			convex ≤ 1,00%		≤ 1,00%
		Cupping in the width	concave ≤ 0,15%		≤ 0,15%
		convex ≤ 0,20%		≤ 0,20%	
Dimensional variations after changes in relative humidity	EN 13329	δl	δl average ≤ 0,9 mm	≤ 0,9 mm	
		δw	δw average ≤ 0,9 mm	≤ 0,9 mm	
Light fastness	EN ISO 4892-2:2006/A1:2009 procedure B - cycle 5	grey reference	Class ≥ 4	Class 4	



OTHER TECHNICAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS	Balterio VALUES
Impact sound reduction	ISO 712/2	On a Balterio underlay		$\Delta L_w \approx 20$ dB (Depending on used underlay)
Burning cigarette	EN 438-2:30		Class 4	Class 5

ENVIRONMENT, SAFETY & HEALTH

	METHOD	PARAMETERS	NORM REQUIREMENTS	Balterio VALUES
Formaldehyde emission	EN 717-1	ppm	$E_1 < 0,1$	$< 0,01$
Anti-static	EN 1815		$\leq 2,0$ kV	$\leq 2,0$ kV
Reaction to fire	EN 13501-1	Class		Cfl-s1
Thermal resistance	EN 12996:2001	m^2K/W		0,055 m^2K/W
Floor heating		On a Balterio underlay	See special instructions	Suitable
Slip resistance	EN 13893	μ	$\mu \geq 0,30$	DS: $\mu \geq 0,30$

CERTIFICATES

U-zeichen	Z-156.606-996
AFFSET	A+
PEFC	PEFC/07-32-37
M1	
EU Ecolabel	SE/035/001

