

TECHNICAL DATA SHEET 08-2018

DIMENSIONS

FORMAT

Width	190,5	mm
Length	1257	mm
Number of panels per pack	9	
m ² per pack	2,1551	m ²
Bevels	V-groove on all sides	
Thickness	8,0	mm
Tongue and groove	Drop Down	

FACTORY WARRANTY

	METHOD	PARAMETERS		Values
Usage class	EN 13329			Class 21-22-23/31-32*
CE	EN 14041	Notified body	NB0766 EPH Dresden	RAW-Dop-8mm-U-052018
Warranty	Residential use Commercial use	See warranty conditions		20 years On request

GENERAL DATA (ACCORDING TO EN 13329)

	METHOD	PARAMETERS		NORM REQUIREMENTS	Values
Wear resistance	EN 13329			≥ 4000 cycles	* with overlay class 32
Wear class	EN 13329			AC4	* with overlay AC4
Impact resistance	EN 13329			IC2	IC2
Scratch resistance	EN 438-2, 25			Charge ≥ 3N	Charge ≥ 5N
Effect of a castor chair	ISO 4918 (with underlay)	Type W (EN 12529)	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 5
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 105 B02	Blue reference	Class ≥ 6		Class 8

OTHER TECHNICAL DATA

	METHOD	PARAMETERS		NORM REQUIREMENTS	Values
Impact sound reduction	ISO 712/2				ΔLw ≈ 18 dB (Depending on used underlay)
Burning cigarette	EN 438-2,30			Class 4	Class 5

ENVIRONMENT, SAFETY & HEALTH

	METHOD	PARAMETERS		NORM REQUIREMENTS	Values
Formaldehyde emission	EN 717-1	ppm		E1 < 0,1	< 0,01
Anti-static	EN 1815			≤ 2,0 kV	≤ 2,0 kV
Reaction to fire	EN 13501-1	Class			Cfl-s1
Thermal resistance	EN 12996:2001	m ² K/W			0,055 m ² K/W
Floor heating				See special instructions	Suitable
Slip resistance	EN 13893	μ		μ ≥ 0,30	DS: μ ≥ 0,30

