

PRODUCT CHARACTERISTICS

FORMAT	Mandal Pro	
Width	190	mm
Length	1200	mm
Number of panels per pack	7	
m ² per pack	1,596	m ²
Bevels	0V	
Thickness	8,0	mm
Tongue and groove	Uniclic connection	
Water resistance warranty	10	years

PANEL BUILD UP



1. Superior wear and scratch-resistance layer
2. Crystal-clear decor
3. Moisture-resistant HDF core
4. Back stabiliser

FACTORY WARRANTY

	METHOD	PARAMETERS		
Usage class	EN 13329		Class	21-22-23/31-32-33
CE	EN 14041:2004 / AC:2006	Notified body	NB 0766 - EPH Dresden	DOP: On pack
UKCA	EN 14041:2004 / AC:2006	Approved Body	AB 0321 - Satra UK	DOP: On pack
Warranty	Residential use	See warranty conditions		Lifetime
	Commercial use	See warranty conditions	Water resistancy	10 years
			Water resistancy	10 years

GENERAL DATA (ACCORDING TO EN 13329)

	METHOD	PARAMETERS	NORM REQUIREMENTS	
Wear resistance	EN 13329		≥ 6000	cycles
Wear class	EN 13329		AC5	
Impact resistance	EN 17368d	Small ball	≥ 70 mm	
	EN 13329	Big ball	≥ 1000 mm	
Scratch resistance	EN 438-2, 25		Charge	≥ 3N
Effect of a castor chair	ISO 4918 (with underlay)	Type W (EN 12529)	25000	cycles
Thickness swelling	ISO 24336	after 24h immersion at 20°C	≤ 15%	
Locking strength	ISO 24334	F10,2 long side	≥ 1 kN/m	
		Fmax long side		
		Fs0,2 short side	≥ 2 kN/m	
		Fmax short side		
Effect of a furniture leg	EN 424		No damage shall be visible, when tested with foot type 0	
Surface soundness	EN 13329	N/mm ²	≥ 1,25	
Static Indentation	EN ISO 24343-1		Residual indentation	≤ 0,05 mm
Resistance to staining	EN 438	Group 1, 2	Class	5
		Group 3	Class	4
General appearance	EN 13329	Height differences	≤ 0,15 mm	
		Opening between joints	≤ 0,20 mm	
		Cupping in the length	concave ≤ 0,50%	
			convex ≤ 1,00%	
Cupping in the width	concave ≤ 0,15%			
	convex ≤ 0,20%			
Dimensional variations after changes in relative humidity	EN 13329	δl	δl average ≤ 0,9 mm	
		δw	δw average ≤ 0,9 mm	
Light fastness	EN ISO 4892-2:2006/A1:2009 procedure B - cycle 5	Grey reference	Class	≥ 4

GENERAL DATA (ACCORDING TO EN 13329)

	METHOD	PARAMETERS	NORM REQUIREMENTS	PERGO VALUES
Water resistance	ISO 4760	Qualitative rating for Recovery swell	< 3	2
		Quantitative rating for Recovery swell	≤ 0,3mm	≤ 0,3mm
		Joint leakage	No requirement	No leakage

OTHER TECHNICAL DATA

	METHOD	PARAMETERS		
Impact sound reduction	ISO 712/2	On a PERGO underlay	ΔLw ≈ 18dB	(Depending on used underlay)
Burning cigarette	EN 438-2.30		Class	5
Floor heating		On a PERGO underlay	See special instructions	Suitable

CLASSIFICATION PROPERTIES

	METHOD	PARAMETERS		
Formaldehyde emission	EN 717-1	ppm	< E1	
Anti-static	EN 1815		≤ 2,0 kV	
Reaction to fire	EN 13501-1	Class	Bfl-s1	(Cfl-s1 with Smart (Plus) underlay)
Thermal resistance	EN 12667	m²K/W	0,055	m²K/W
Slip resistance	EN 13893	μ	DS: μ ≥ 0,30	

CERTIFICATES

EU Ecolabel	SE/035/001
AFFSET	A+
PEFC	PEFC/07-32-37
M1	
Nordic Ecolabel	30290001
EPD	

