

TECHNICAL DATA SHEET

Edition 05/2025

DIMENSIONS

FORMAT		Planks	Tiles
Width	EN 17539:2021-08	181 mm	305 mm
Length	EN 17539:2021-08	1220 mm	610 mm
Number of panels per pack		10	12
m² per pack		2,208 m²	2,233 m²
Weight per pack		22,58 kg	22,82 kg
Total mass per unit area	EN ISO 23997:2012-02	10100 g/m²	
Total thickness	EN 17539:2021-08	6 mm (= 5+1 mm attached underlay)	
Finishing		Superguard Master®	
Tongue and groove		Uniclic-Uniclic	

PANEL BUILD-UP



- 1 Top lacquer
- 2 PVC wearlayer
- 3 PVC printfilm
- 4 Core board
- 5 Integrated underlay

FACTORY WARRANTY

	METHOD	PARAMETERS	VALUES	
Usage class	EN ISO 10874 / EN 16511:2023-05		Class	23 - 33
Product norm	EN 16511:2023-05			
CE	EN 14041:2004+AC:2005+AC:2006	Notified body	NB 2401 - CRET	DOP: see end label on pack
UKCA	EN 14041:2004+AC:2005+AC:2006	Approved body	AB 0321 - Satra UK	
Warranty	Residential use	See warranty conditions	20	years
	Commercial use	See warranty conditions	5	years

GENERAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS
Squareness & straightness	EN 17539:2021-08		$q_{max} \leq 0,20 \text{ mm} \mid s_{max} \leq 0,30 \text{ mm/m}$
Light fastness	EN ISO 105-B02:2014-08	Blue reference	Class ≥ 6
Dimensional stability	EN ISO 23999:2021-11	6 hrs at 80°C	$\leq [0,15]\%$
Curling	EN ISO 23999:2021-11		$\leq [2] \text{ mm}$
Wear resistance	ISO 24338:2022-03, Procedure A		$\geq 5000 \text{ cycles}$
Impact resistance	EN 13329:2006+A1:2008-08, Annex F		$\geq 1600 \text{ mm}$
Scratch resistance	EN 16094:2021-06, method A and B		$\Delta R' \leq 1,5 (60^\circ)$
			$\leq \text{MSR-B2}$
Castor chairs	EN ISO 4918:2021-03	25000 cycles	No delamination, no disturbance
Displacement of furniture feet	EN ISO 16581:2019-06	Foot 0,1 mm / 32 kg	No visible damage
Residual indentation	EN ISO 24343-1:2012-01		$\leq 0,2 \text{ mm}$
Resistance against staining	EN 438-2:2016+A1:2018-12	Acetone - Coffee -NaOH -H2O2 - Shoe Polish	Grade 5 (No change)
Locking strength	ISO 24334:2019-07	Fmax long side	$\geq 1,0 \text{ kN/m}$
		Fmax short side	$\geq 1,5 \text{ kN/m}$
Acoustic insulation	DIN EN ISO 717-2:2021-05	Impact sound reduction	$\Delta L_w = 17 \text{ dB}$
Floor heating		Appropriate for all standard heating systems IN cement subfloors. Limited application with heating films and alternatives. Max contact temp $\leq 27^\circ\text{C}$. See separate installation instructions.	

ENVIRONMENT, SAFETY & HEALTH

	METHOD	PARAMETERS	NORM REQUIREMENTS	VALUES
AFFSET				A+
Floorscore				SCS-FS-07895
Formaldehyde emission	EN 717-1:2004-10		E1 ($\leq 0,124 \text{ mg/m}^3$)	< Detection limit
TVOC 28 days	ISO 16000 part 9-6	AgBB requirement after 28 days $<1000 \text{ } \mu\text{g/m}^3$		OK
Fire classification	EN 13501-1:2018			Bfl-s1
Thermal resistance	EN 12667:2001-01			0,031 $\text{m}^2 \text{ K/W}$
Slip resistance	EN 13893:2002-11		$\mu \geq 0,30$	DS
Content	Heavy metals+ lead/cadmium			NOT present
Dangerous substances	Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list)			NOT present
REACH				Compliant



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SCS Global Services



EN 14041:2004 / AC:2006
Multilayer Modular Floorcoverings
EN 18511:2023



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