

TECHNICAL DATA SHEET

Edition 02/2025

DIMENSIONS

FORMAT		Planks	Tiles
Width	ISO 24337:2019	178 mm	303 mm
Length	ISO 24337:2019	1219 mm	607 mm
Number of panels per pack		12	14
m² per pack		2,61 m²	2,58 m²
Weight per pack		21,14 kg	20,94 kg
Total mass per unit area	EN ISO 23997:2012	8250 g/m²	
Total thickness	ISO 24337:2019	5 mm (= 4+1 mm attached underlay)	
Finishing		Superguard Expert®	
Tongue and groove		Uniclic-Uniclic	

FACTORY WARRANTY

	METHOD	PARAMETERS	VALUES
Usage class	EN ISO 10874 / EN 16511:2014+A1:2019		Class
Product norm	EN 16511:2014+A1:2019		23 - 32
CE	EN 14041:2004 / AC:2006	Notified body	DOP: see end label on pack
UKCA	EN 14041:2004 / AC:2006	Approved body	
Warranty	Residential use	See warranty conditions	15 years
	Commercial use	See warranty conditions	5 years

GENERAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS
Squareness & straightness	ISO 24337:2019		$q_{max} \leq 0,20 \text{ mm} \mid s_{max} \leq 0,30 \text{ mm/m}$
Wear resistance	EN 13329:2006 + A1:2008, Annex E		$\geq 1200 \text{ cycles}$
Impact resistance	EN 13329:2006 + A1:2008, Annex F		$\geq 1200 \text{ mm}$
Scratch resistance	EN 16094:2012		$\leq \text{MSR-A3}$
			$\leq \text{MSR-B3}$
Castor chairs	EN 425:2002	25000 cycles	No delamination, no disturbance
Displacement of furniture feet	EN 424:2001	Foot 0,1 mm / 32 kg	No visible damage
Residual indentation	EN ISO 24343-1:2012		$\leq 0,2 \text{ mm}$
Resistance against staining	EN 438-2:2016+A1:2018	Acetone - Coffee -NaOH -H2O2 - Shoe Polish	OK
Locking strength	ISO 24334:2019	Fmax long side	$\geq 1,0 \text{ kN/m}$
		Fmax short side	$\geq 1,5 \text{ kN/m}$
Dimensional stability	EN ISO 23999:2018	6 hrs at 80°C	$\leq 0,25 \%$
Curling	EN ISO 23999:2018		$\leq 1 \text{ mm}$
Light fastness	EN ISO 105-B02:2014	Blue reference	Class ≥ 6
Acoustic insulation	ISO 717-2:2020	Impact sound	$\Delta L_w = 17 \text{ dB}$
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-07864
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 $<1000 \mu\text{g/m}^3$		OK
Fire classification	EN 13501-1:2018			Bfl-s1
Thermal resistance	EN 12667:2001-01			0,026 m² 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

