

Origin 30 / Engineered Click Acoustic

TECHNICAL DATA SHEET

Version 01/2024

DIMENSIONS

FORMAT		PLANKS	TILES
Width	EN ISO 24337	189 mm	303 mm
Length	EN ISO 24337	1318 mm	610 mm
Number of panels per pack		10	12
m ² per pack		2,49 m ²	2,22 m ²
Weight per pack		17,87 kg	15,86 kg
Total mass per unit area	EN ISO 23997	6558 g/m ² [-10%; +13%]	6558 g/m ² [-10%; +13%]
Total thickness	EN ISO 24337	5 mm (= 4+1 mm attached underlay)	5 mm (= 4+1 mm attached underlay)
Finishing		Superguard Prime®	Superguard Prime®
Tongue and groove		Uniclic-Unidrop	Uniclic-Unidrop

FACTORY WARRANTY

	METHOD	PARAMETERS	VALUES
Usage class	EN ISO 10874		Class
Product norm	EN 16511:2014 + A1:2019		23 - 31
CE	EN 14041:2004 / AC:2006	Notified body	NB 2401 - CRET
UKCA	EN 14041:2004 / AC:2006	Approved body	AB 0321 - Satra UK
Warranty	Residential use	See warranty conditions	15 years
	Commercial use	See warranty conditions	5 years

GENERAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS	VALUES
Squareness & straightness	EN ISO 24337		$q_{max} \leq 0,20 \text{ mm} \mid s_{max} \leq 0,30 \text{ mm/m}$	OK
Wear resistance	EN 16511:2014 + A1:2019		OK	OK
Impact resistance	EN 13329 - Annex F		$\geq 800 \text{ mm}$	OK
Scratch resistance	EN 16094		$\leq \text{MSR-A3}$	OK
			$\leq \text{MSR-B3}$	OK
Castor chairs	EN 425	25000 cycles	No delamination, no disturbance	OK
Displacement of furniture feet	EN 424	Foot 0,1 mm / 32 kg	No visible damage	OK
Residual indentation	EN ISO 24343-1		$\leq 0,2 \text{ mm}$	OK
Resistance against staining	EN 438-2	Acetone - Coffee -NaOH -H2O2 - Shoe Polish		OK
Locking strength	ISO 24334	Fmax long side	$\geq 1,0 \text{ kN/m}$	OK
		Fmax short side	$\geq 1,5 \text{ kN/m}$	OK
Dimensional stability	EN ISO 23999	6 hrs at 80°C	$\leq 0,25 \%$	OK
Curling	EN ISO 23999		$\leq 1 \text{ mm}$	OK
Light fastness	EN ISO 105-B02	Blue reference	Class ≥ 6	OK
Acoustic insulation	EN ISO 10140-1 / EN ISO 10140-3	Impact sound		19 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-02828
Finnish Building Emission			M1: Very low emission, odorless	OK
Formaldehyde emission	EN 717-1	No added formaldehyde in production	E1 ($\leq 0,124 \text{ mg/m}^3$)	< detection limit
TVOC 28 days	ISO 16000 part 9-6	AgBB requirement after 28 days $<1000 \mu\text{g/m}^3$		$< 100 \mu\text{g/m}^3$
Fire classification	EN 13501-1			Bfl-s1
Thermal resistance	EN 12667			0,033 m ² K/W
Slip resistance	EN 13893		$\mu \geq 0,30$	DS
	EN 16165:2021-10 Annex B			R9/10
Content	Heavy metals+ lead/cadmium			NOT present
Dangerous substances	Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list)			NOT present
REACH	Regulation (EC)			Compliant
Plasticizer	Ortho-phthalate free plasticizer			OK
Recycled content	Only INTERNAL recycled material used			$\geq 20\%$

