

TECHNICAL DATA SHEET

Edition 03/2025

DIMENSIONS

FORMAT		BLOS BASE [AVSPT(-)]	ORO BASE [AVSTT(-)]
		Small Plank	Small Tile
Width	EN 17539:2021-08	189 mm	303 mm
Length	EN 17539:2021-08	1251 mm	610 mm
Number of panels per pack		12	15
m ² per pack		2,837 m ²	2,772 m ²
Weight per pack		18,8 kg	18,4 kg
Total mass per unit area	EN ISO 23997:2012-02	6503 g/m ²	
Total thickness	EN 17539:2021-08	4 mm	
Finishing		Advanced PU -Top coating with Scratch & Stain Guard technology	
Tongue and groove		Uniclic® connection	
Bevels		Genuine	

PANEL BUILD-UP



- 1 Top lacquer
- 2 PVC wearlayer
- 3 PVC printfilm
- 4 PVC soft layer
- 5 PVC backing with 2 glass fibers

FACTORY WARRANTY

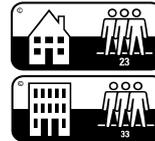
	METHOD	PARAMETERS	VALUES
Usage class	EN ISO 10874 / EN 16511:2023-05	Class	23 - 33
Product norm	EN 16511:2023-05		
CE	EN 14041:2004+AC:2005+AC:2006	Notified body	NB 2401 - CRET
UKCA	EN 14041:2004+AC:2005+AC:2006	Approved body	AB 0321 - Satra UK
Warranty	Residential use	See warranty conditions	Lifetime
	Commercial use	See warranty conditions	5 years - on request up to 15 years

GENERAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS	QUICK-STEP VALUES
Squareness & straightness	EN 17539:2021-08		$q_{max} \leq 0,20 \text{ mm} \mid s_{max} \leq 0,30 \text{ mm/m}$	$q_{max} \leq 0,20 \text{ mm} \mid s_{max} \leq 0,30 \text{ mm/m}$
Light fastness	EN ISO 105-B02:2014-08	Blue reference	Class ≥ 6	Class > 7
Dimensional stability	EN ISO 23999:2021-11	6 hrs at 80°C	$\leq [0,15]\%$	$\leq [0,15]\%$
Curling	EN ISO 23999:2021-11		$\leq [2] \text{ mm}$	Average production result: $\leq [1] \text{ mm}$
Wear resistance	ISO 24338:2022-03, Procedure B		$\geq 5000 \text{ cycles}$	Average production result: $\geq 7000 \text{ cycles}$
Impact resistance	EN 13329:2006+A1:2008-08, Annex F		$\geq 1600 \text{ mm}$	Average production result: $\geq 1800 \text{ mm}$
Scratch resistance	EN 16094:2021-06, method A and B		$\Delta R' \leq 1,5 (60^\circ)$	$\Delta R' < 1$ MSR-B1
Castor chairs	EN ISO 4918:2021-03	Without underlay	$\geq 25000 \text{ cycles}$	No delamination, no disturbance
		On a HEAT underlay For residential application only On a COMFORT underlay On a TRANSIT underlay	$\geq 10000 \text{ cycles}$	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		$\leq 0,1 \text{ mm}$	Average production result: $\leq 0,05 \text{ mm}$
Resistance against staining	EN 438-2:2016+A1:2018-12	Acetone - Coffee -NaOH -H2O2 - Shoe Polish		Grade 5 (No change)
Swelling	ISO 24336:2005-03		$\leq 18\%$	No swelling
Locking strength	ISO 24334:2019-07	Fmax long side	$\geq 1,0 \text{ kN/m}$	$\geq 1,0 \text{ kN/m}$
		Fmax short side	$\geq 1,5 \text{ kN/m}$	$\geq 1,5 \text{ kN/m}$
Water Resistance	ISO 4760:2022-05	Qualitative rating for Recovery swell		Grade 1 (No change)
		Quantitative rating for Recovery swell		$\leq 0,02 \text{ mm}$
		Joint leakage		No leakage
Acoustic insulation	DIN EN ISO 717-2:2013-06	Impact sound reduction	On a HEAT underlay	$\Delta L_w = 14 \text{ dB}$
			On a COMFORT underlay	$\Delta L_w = 18 \text{ dB}$
			On a TRANSIT underlay	$\Delta L_w = 18 \text{ dB}$
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	QUICK-STEP VALUES
EPD				
AFFSET				A+
Floorscore				SCS-FS-05158
Finnish Building Emission				M1: Very low emission, odorless
Formaldehyde emission	EN 717-1:2004-10	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	$< 1000 \text{ } \mu\text{g/m}^3$	< $20 \text{ } \mu\text{g/m}^3$
Fire classification	EN 13501-1:2018			Bfl-s1
Thermal resistance	EN 12667:2001-01	Without underlay On a HEAT underlay On a COMFORT underlay On a TRANSIT underlay		0,013 m ² K/W 0,023 m ² K/W 0,033 m ² K/W 0,058 m ² K/W
Slip resistance	EN 13893:2002-11 EN 16165:2021-10 Annex B		$\mu \geq 0,30$	DS R10
	BS EN 16165:2021 Annex C (UKSRG)	Wet		Low slip potential (PTV96 ≥ 36)
		Dry		Low slip potential (PTV96 ≥ 36)
	UNE-EN 16165:2022 Annex C Anexo Nacional A (ES)	Wet Dry		PTV ₅₇ ≥ 22 PTV ₉₆ ≥ 58
Content	Heavy metals + lead/cadmium			NOT present
Dangerous substances	Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list)			NOT present
REACH				Compliant
Plasticizer	Phthalate free plasticizer except recycled content			
Recycled content	Minimum 22% Pre-Consumer Recycled PVC Content			SCS-RC-20324



MINIMUM 22% RECYCLED CONTENT PRE-CONSUMER