

TECHNICAL DATA SHEET

Edition 04/2025

DIMENSIONS

FORMAT		Small Plank	Small Tile	Square Tile
Width	ISO 24342:2018-11	196 mm	329 mm	493 mm
Length	ISO 24342:2018-11	1320 mm	659 mm	493 mm
Number of panels per pack		7	7	8
m² per pack		1,811 m²	1,518 m²	1,944 m²
Weight per pack		13,75 kg	11,55 kg	14,77 kg
Total mass per unit area	EN ISO 23997:2012-02	7465 g/m²		
Total thickness	ISO 24346:2006-10	4,5 mm		
Top layer	EN ISO 24340:2012-02	0,55 mm		
Bevels		4-sided refined		
Finishing		Protectonite®		

PANEL BUILD-UP



- 1 Top lacquer
- 2 PVC wearlayer
- 3 Design PVC layer
- 4 PVC impregnation layer
- 5 Glass fiber
- 6 PVC middle layer
- 7 Glass fiber
- 8 PVC backing

FACTORY WARRANTY

	METHOD	PARAMETERS	VALUES	
Usage class	EN ISO 10874 / EN ISO 10582:2018-01		Class	23 - 33 - 42*
Product norm	EN ISO 10582:2018-01 (EN 16511)			
CE	EN 14041:2004 / AC:2006	Notified body	NB 2401 - CRET	DOP: see end label on pack
UKCA	EN 14041:2004 / AC:2006	Approved body	AB 0321 - Satra UK	
Warranty	Residential use	See warranty conditions	Not applicable	
	Commercial use	See warranty conditions	10	years

* Only valid for fully bonded installation, not on looselaid underlays

GENERAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS	MODULEO VALUES
Squareness & straightness	EN ISO 24342:2018-11		≤400mm: ≤0,25 mm >400mm: ≤0,35mm	≤400mm: ≤0,25 mm >400mm: ≤0,35mm
Wearlayer	EN ISO 10582:2018-01			Type 1
Impact resistance	EN 13329:2006+A1:2008-08, Annex F			≥ 1600 mm
Scratch resistance	EN 16094:2021-06			MSR-A1 MSR-B1
Castor chairs	ISO 4918:2016-03	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		≤ 0,1 mm	Average production result: 0,05 mm
Resistance against staining	ISO 26987:2008-08			No change
Dimensional stability	EN ISO 23999:2021-11	6 hrs at 80°C	≤ 0,25 %	Average production result: ≤ 0,05 %
Curling	EN ISO 23999:2021-11		≤ 2 mm	≤ 2 mm
Light fastness	ISO 105-B02:2014-09	Blue reference	Class ≥ 6	Class ≥ 6
Acoustic insulation	DIN EN ISO 717-2:2021-05	Impact sound reduction	Glued down On a Flex Pro underlay	ΔL _w = 6 dB ΔL _w = 10 dB
Floor heating		Appropriate for all standard heating systems IN cement subfloors. Limited application with heating films and alternatives. Max contact temp ≤ 27°C. See separate installation instructions.		

ENVIRONMENT, SAFETY & HEALTH

	METHOD	PARAMETERS	NORM REQUIREMENTS	MODULEO VALUES
EPD				
AFFSET				A+
Floorscore				SCS-FS-09272
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 $\mu\text{g/m}^3$		OK
Fire classification	EN 13501-1:2018			Bfl-s1
Thermal resistance	EN 12667:2001-01	Without underlay		0,01 $\text{m}^2 \text{ K/W}$
Anti-static	EN 1815:2016-09			$\leq 2 \text{ kV}$
Slip resistance	EN 13893:2002-11		$\mu \geq 0,30$	DS
	EN 16165:2021-10 Annex B			R10
	EN 16165:2021 - Annex C (UKSRG)	Wet		Low slip potential (PTV ₉₆ ≥ 36)
		Dry		Low slip potential (PTV ₉₆ ≥ 36)
	UNE-EN 16165:2021 - Annex C	Dry		PTV ₉₆ ≥ 56
Content	Anexo Nacional A (ES)			NOT present
Dangerous substances	Heavy metals + lead/cadmium			NOT present
REACH	Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list*)			Compliant
Recycled content	Minimum 21% Pre-Consumer Recycled PVC Content			SCS-RC-20325

