QUICK·STEP® VINYL RIGID

TECHNICAL DATA SHEET

Edition 10/2026

DIMENSIONS

FORMAT		ALUNA [AVLPBU(-)] Long Plank	ALIRA [AVMPBU(-)] Medium Plank
Width	EN 17539:2021-08	228,5 mm	228,5 mm
Length	EN 17539:2021-08	1800 mm	1500 mm
Number of panels per pack		4	5
m² per pack		1,645 m²	1,710 m²
Weight per pack		17,7 kg	18,4 kg
Total mass per unit area	EN ISO 23997:2012-02	10470 g/m²	
Total thickness	EN 17539:2021-08	7,5 mm (= 6,5+1 mm attached underlay)	
Finishing		Advanced PU -Top coating with Scratch & Stain Guard technology	
Tongue and groove		Uniclic® connection	
Bevels		With pressed in bevel all around	

PANEL BUILD-UP



1 Top lacquer
2 PVC wear layer
3 PVC printfilm
4 Light-Rigid core layer
5 Pad: 1 mm crosslinked polyethylene 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:2006	Notified body	NB 0493 - Centexbel	DOP: see end label on pack
UKCA	EN 14041:2004/AC:2006	Approved body	AB 8515 - Centexbel International Ltd.	
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}≤0,20 mm s_{max}≤0,30 mm/m	q_{max}≤0,20 mm s_{max}≤0,30 mm/m
Light fastness	EN ISO 105-B02:2014-08	Blue reference	Class ≥ 6	Class ≥ 6
Dimensional stability	EN ISO 23999:2021-11	6 hrs at 80°C	≤ |0,15|%	≤ |0,15|%
Curling	EN ISO 23999:2021-11		≤ |2| mm	Average production result: ≤ |1| mm
Wear resistance	ISO 24338:2022-03, Procedure A		≥ 5000 cycles	≥ 5000 cycles
Impact resistance	EN 13329:2006+A1:2008-08, Annex F		≥ 1600 mm	≥ 1600 mm
Scratch resistance	EN 16094:2021-06, method A and B		ΔR' ≤ 1,5 (60°)	ΔR' < 1
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		≤ 0,2 mm	Average production result: ≤ 0,1 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		≤ 18%	No swelling
Locking strength	ISO 24334:2019-07	Fmax long side	≥ 1,0 kN/m	≥ 1,0 kN/m
		Fmax short side	≥ 1,5 kN/m	≥ 1,5 kN/m
Water Resistance	ISO 4760:2022-05, Annex D	Joint leakage		No leakage
Acoustic insulation	DIN EN ISO 717-2:2021-05	Impact sound reduction		ΔL_w = 19 dB | ΔL_{lin} = 9 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	QUICK-STEP VALUES
AFFSET				A+
Floorscore				SCS-FS-20492
Formaldehyde emission	EN 717-1:2004-10	No added formaldehyde in production	E1 (≤ 0,124 mg/m³)	< Detection limit
TVOC 28 days	ISO 16000 part 9-6	AgBB requirement after 28 days <1000 µg/m³		≤ 100 µg/m³
Fire classification	EN 13501-1:2018			Bfl-s1
Thermal resistance	EN 12667:2001-01			0,0432 m² K/W
Slip resistance	EN 13893:2002-11		µ ≥ 0,30	DS
	EN 16165:2021-10 Annex B			R11
	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} ≥ 51 PTV_{96} ≥ 54
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			

INSTALLATION INSTRUCTIONS

RIGID CLICK VINYL

MAINTENANCE