

SHOWHOME Click - SPC Floating Floor

Technical Data Sheet | Version ROW

Product type: SPC (Rigid LVT)	
Overall thickness: 5.0 mm	Installation: Floating (Angle-Angle)
Wear layer: 0.5 mm	Bevel: 4-sided bevel
Finish: Anti-microbial PUR	Backing type: EVA 1 mm

Version: ROW | Country of Origin: China

Last update: 16.05.2023

TECHNICAL SPECIFICATIONS

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CLASS OF USE AND WARRANTY

CLASS OF USE	WARRANTY
EN 16511 – 23 Heavy Domestic	25 Years Limited
EN 16511 – 33 Heavy Commercial	5 Years Limited

ENVIRONMENTAL IMPACT

Life Cycle Assessment (LCA)	Oct 2022
Environmental Product Declaration (EPD)	Oct 2022 – Oct 2027

CERTIFICATIONS

CE Mark	Certified
UKCA Mark	Certified
IAC Gold	Certified
GreenGuard Gold	Certified
Product Health Declaration	Platinum level
Assure	Certified

CHEMICAL PROPERTIES

Standard	Parameter	Test Method	Requirement	Result
EN 14041	Emissions	EN 717-1	≤0.124 mg/m³	Compliant
Décret No. 2011-321	Emissions	ISO 16000	VOC A+ (TVOC <1000 µg/m³)	Compliant
CDPH	Emissions	Spectrometry, Chromatography	TVOC ≤220 µg/m³	Compliant
CPSIA & Prop 65	Ortho-phthalates	CPSC-CH-C-1001-09.4	N.D.	Compliant
REACH SVHC	SVHC substances	Spectrometry, Chromatography	≤0.1%	Compliant

PHYSICAL PROPERTIES

Standard	Parameter	Test Method	Requirement	Result
ISO 10582	Dimensional stability (6 hrs at 80°C)	ISO 23999	ΔW/ΔL ≤0.15%	Compliant

Standard	Parameter	Test Method	Requirement	Result
	Curl	ISO 23999	≤1 mm	Compliant
	Length tolerance	ISO 24342	≤0.15% of nominal L, max 0.5 mm	Compliant
	Width tolerance	ISO 24342	≤0.1% of nominal L, max 0.5 mm	Compliant
	Total thickness (with backing)	ISO 24346	+0.13 mm / -0.1 mm	Compliant
	Squareness	ISO 24342	≤0.25 mm / ≤400 mm; ≤0.35 mm / ≥400 mm	Compliant
	Flatness	ISO 10582 Annex B	Length: ≤0.50% (concave) / ≤1.0% (convex); Width: ≤0.10% (concave) / ≤0.15% (convex)	Compliant
	Joint opening	ISO 10582 Annex C	Average ≤0.15 mm / max ≤0.2 mm	Compliant
	Height difference at joint	ISO 10582 Annex C	Average ≤0.1 mm / max ≤0.15 mm	Compliant
	Residual indentation	ISO 24343-1	≤0.1 mm	Compliant
	Castor chair	ISO 4918	Moderate Commercial 15,000R	Compliant
	Light fastness (Blue wool)	ISO 105-B02:2014 Method 3	≥Grade 6	Compliant
	Locking strength	ISO 10582 Annex D	≥1.5 kN/m	Compliant
EN 16511	Wear resistance	EN 13329 Annex E	≥4000 cycles (AC4)	Compliant
	Impact resistance	EN 13329 Annex F	≥1600 mm	Compliant
	Martindale (Gloss retention)	EN 16094	≤MSR-A2	Compliant
	Martindale (Micro-scratch)	EN 16094	≤MSR-B2	Compliant
	Furniture leg	EN 424	No visible damage	Compliant
	Resistance to staining	EN 438-2	Group 1 and 2: Grade 5; Group 3: Grade 4	Compliant
	Swelling	ISO 24336	≤12%	Compliant
EN 14041	Thermal resistance (R)	EN 12664	N/A	Compliant
	Thermal conductivity	EN 12664	N/A	Compliant
	Slip resistance	EN 13893	≥0.3	Compliant
	Reaction to fire	EN 13501-1	Class Bfl-s1	Compliant
Others	Slip resistance	DIN 51130	≥R9	Compliant
	Airborne sound transmission	ISO 10140-2	N/A	67 dB*
	Impact sound transmission	ISO 10140-3	N/A	42 dB*
	Impact sound transmission – Reduction	ISO 10140-1	N/A	18 dB*
	Resistance to staining	EN 423	Not affected	Compliant

* Acoustic performance results are provided for reference only.

LEED SCORECARD

Credit Type	Points	Criteria	Product Contribution
LEED BD+C and ID+C – EQ Credit: Low-Emitting Materials	1–3	Option 1. Product tested per CDPH Standard Method v1.2–2017; complies with VOC limits in Table 4-1. Total VOCs after 14 days (336 h) measured per CDPH v1.2 (TVOC: ≤0.5 mg/m³, 0.5–5 mg/m³, or ≥5 mg/m³). Option 2. Product tested per EN 16516:2017; complies with LCI values from Table 1 of German AgBB Testing and Evaluation Scheme (2015) and formaldehyde limit of 10 µg/m³. Total VOCs after 28 days measured per EN 16516.	CFL Rigid Core products are GreenGuard Gold and/or FloorScore certified. CFL SPC (Made in China): LCA Oct 2022; EPD Oct 2022 – Oct 2027. IAC Gold certified, including compliance with German AgBB testing.
MR Credit: Building Product Disclosure and Optimization – Environmental Product Declarations	1	Option 1. EPD conforming to ISO 14025 and EN 15804 or ISO 21930, minimum cradle-to-gate scope. Product-specific Type III EPD with external verification and critical review valued at 1.5 products.	CFL SPC (Made in China) EPD – Oct 2022 – Oct 2027.
MR Credit: Building Product Disclosure and Optimization – Material Ingredients	1	Option 1. Material Ingredient Reporting – Health Product Declaration with full disclosure of known hazards per HPD Open Standard. Option 2. Material Ingredient Optimization – REACH Optimization. Ingredients inventoried to 100 ppm; assessed against REACH Authorization List (Annex XIV), Restriction List (Annex XVII), and SVHC Candidate List (June 2013 version).	CFL SPC (Made in China) HPD – HealthRate Platinum (GreenTag). CFL products are REACH compliant.

Product tested per CDPH Standard Method v1.2–2017, complying with VOC limits in Table 4-1. Total VOC range after 14 days (336 h) measured per CDPH Standard Method v1.2 (TVOC: ≤0.5 mg/m³, 0.5–5 mg/m³, or ≥5 mg/m³).

WELL SCORECARD

Facet	Feature / Part	Requirement	Result
AIR – 01. Air Quality Standards	Standards for Volatile Substances	Formaldehyde <27 ppb; TVOC <500 µg/m³	Formaldehyde <0.05 mg/m³; TVOC <0.5 mg/m³
AIR – 04. VOC Reduction	Interior Paints and Coatings; Flooring	CARB 2007 / SCAQMD Rule 1113; CDPH Standard Method v1.1-2010	CARB VOC <0.11 ppm; TVOC ≤0.5 mg/m³ (CDPH/EHLB v1.1-2010); GreenGuard Gold
AIR – 11. Fundamental Material Safety	Asbestos and Lead Restriction	No asbestos; ≤100 ppm added lead	No asbestos; <100 ppm lead (<90 ppm for abatement)

Facet	Feature / Part	Requirement	Result
AIR – 25. Toxic Material Reduction	Halogenated FR; phthalates; urea-formaldehyde	<i>≤100 ppm each</i>	No halogenated FR; phthalates <100 ppm (CPSIA/REACH); urea-formaldehyde <100 ppm
COMFORT – 74. Exterior Noise Intrusion	Sound Pressure Level	<i>Average outside noise ≤50 dBA</i>	L _{nw} = 42 dB (ISO 10140-3); R _w = 67 dB (ISO 10140-2)
COMFORT – 79. Internally Generated Noise	Sound Masking Limits	<i>Open workspaces: 45–48 dBA; Enclosed offices: 40–42 dBA</i>	L _{nw} = 42 dB (ISO 10140-3); R _w = 67 dB (ISO 10140-2)