

SPOTLIGHT - LVT Glue-Down Flooring

Technical Data Sheet | Version ROW

Product type: LVT (Luxury Vinyl Tile)	Installation: Glue-down
Overall thickness: 2.5 mm	Bevel: 4-sided bevel
Wear layer: 0.5 mm	Finish: Matte coating

Version: ROW | Country of Origin: China

Last update: 07.03.2024

TECHNICAL SPECIFICATIONS				
Product type		LVT (Luxury Vinyl Tile)		
Overall thickness		2.5 mm		
Wear layer		0.5 mm		
Installation		Glue-down		
Bevel		4-sided bevel		
Finish		Matte coating		
CLASS OF USE AND WARRANTY				
CLASS OF USE		WARRANTY		
EN 16511 – 23 Heavy Domestic		25 Years Limited		
EN 16511 – 33 Heavy Commercial		15 Years Limited		
EN 16511 – 42 Light Industrial		—		
CERTIFICATIONS				
CE Marking		Certified		
GreenGuard Gold		Compliant		
CERTIFICATIONS AND 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	TVOC <1000 µg/m³	Compliant
Prop 65	Ortho-phthalates	Spectrometry	N.D.	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	ISO 23999	ΔW/ΔL ≤0.25%	Compliant
	Curl	ISO 23999	≤2 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
	Thickness tolerance	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
	Wear layer thickness	ISO 24340	+13% / -10%	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

Standard	Parameter	Test Method	Requirement	Result
	Residual indentation	ISO 24343-1	$\leq 0.1 \text{ mm}$	Compliant
	Castor chair	ISO 4918	Only slight changes	Compliant
	Heat resistance	ISO 105-B02:2014 Meth. 3A	$\geq \text{Grade 6}$	Compliant
	ASTM F1515	ASTM F1515	$\Delta E \leq 8$	Compliant
EN 16511	Impact resistance	EN 13329	$\geq 1600 \text{ mm}$	Compliant
	Martindale (Gloss retention)	EN 16094	$\leq \text{MSR-A3}$	Compliant
	Martindale (Micro-scratch)	EN 16094	$\leq \text{MSR-B3}$	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
EN 14041	Thermal resistance (R)	EN 12664/ASTM C518	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	$\geq \text{R9}$	Compliant

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 and reported (TVOC ranges: $\leq 0.5 \text{ mg/m}^3$, $0.5\text{--}5 \text{ mg/m}^3$, or $\geq 5 \text{ mg/m}^3$).	CFL LVT products are GreenGuard Gold certified.
MR Credit: Building Product Disclosure and Optimization – Material Ingredients	1	Option 1 – Material Ingredient Optimization. International Alternative Compliance Path – REACH Optimization. End-use products have fully inventoried chemical ingredients to 100 ppm; each substance assessed against REACH Authorization List (Annex XIV), Restriction List (Annex XVII), and SVHC Candidate List (version June 2013).	Products are REACH compliant. No substances from the REACH Authorization, Restriction, or Candidate lists are present.

Product tested per CDPH Standard Method v1.2–2017, complying with VOC limits in Table 4-1. Total VOC range after 14 days measured per CDPH Standard Method v1.2 (TVOC ranges: $\leq 0.5 \text{ mg/m}^3$, between 0.5 and 5 mg/m^3 , or $\geq 5 \text{ mg/m}^3$).

WELL SCORECARD

Facet	Feature / Part	Requirement	Result
AIR – 01. Air Quality Standards	Standards for Volatile Substances	Formaldehyde $<27 \text{ ppb}$; TVOC $<500 \text{ }\mu\text{g/m}^3$	Formaldehyde emissions $<0.05 \text{ mg/m}^3$; TVOC $<0.5 \text{ mg/m}^3$
AIR – 04. VOC Reduction	Interior Paints and Coatings; Flooring	CARB 2007 / SCAQMD Rule 1113; CDPH Standard Method v1.1-2010	CARB VOC $<0.11 \text{ ppm}$; TVOC $\leq 0.5 \text{ mg/m}^3$ (CDPH/EHLB v1.1-2010); GreenGuard Gold
AIR – 11. Fundamental Material Safety	Asbestos and Lead Restriction	No asbestos; $\leq 100 \text{ ppm}$ added lead	No asbestos; $<100 \text{ ppm}$ lead ($<90 \text{ ppm}$ for abatement)
AIR – 25. Toxic Material Reduction	Halogenated flame retardants; Phthalates; Urea-formaldehyde	$\leq 100 \text{ ppm}$ each	No halogenated FR; phthalates $<100 \text{ ppm}$ (CPSIA / REACH); urea-formaldehyde $<100 \text{ ppm}$