

Wall panels Spec Sheet

Version North America

Origin Vietnam

TECHNICAL SPECIFICATIONS

Product type Wall Panels
Finish Anti-microbial UV coating

Overall thickness 4.0mm
Installation See IM for details

WARRANTY

Residential Warranty 10 Years Limited

CHEMICAL PROPERTIES

Norm	Item	Test Method	Requirement	Result
Decret No2011-321	Emissions	ISO 16000	VOC A+ (TVOC<1000µg/m3)	Compliant
CDPH	Emissions	Spectrometry, chromatography	TVOC ≤220µg/m3	Compliant
CPSIA & Prop 65	Ortho-Phthalates	CPSC-CH-C-1001-09.4	N.D.	Compliant
	Heavy metals	ASTM F963	See the standard for details	Compliant
REACH	SVHC	Spectrometry, chromatography	≤0.1%	Compliant
Silica content	Silica	Ash/XRD	N.D.	Compliant

PHYSICAL PROPERTIES

Norm	Item	Test Method	Requirement	Result
	Thickness	ASTM F387	±0.13mm	Compliant
	Length	ISO 24337	Big wall panels: +2, -4mm Small wall panels: ±2mm	Compliant
	Width	ISO 24337	±0.5mm	
	Squareness	ASTM F2055	q _{max} ≤ 1mm	Compliant
	Dimensional stability	ASTM F2199/ISO 23999	W/L: ≤0.2%	Compliant
		ASTM F2199/ISO 23999	Curling: ≤2mm	Compliant
	Deep scratch	ISO 1518-1	≥1800g	Compliant
	Martindale (Gloss retention)	EN 16094	≤MSR-A2	Compliant
	Martindale (Micro-scratch)	EN 16094	≤MSR-B2	Compliant
	Flame spread	ASTM E84	Class A	Compliant
	Smoke developed	ASTM E84	Class A	Compliant
	Anti-fungal activity	ASTM G21	≤Grade 1	Compliant
	Water absorption	ASTM D570	≤0.1%	Compliant
	Light fastness (Blue wool)	ISO 105-B02:2014 Method 3A	≥Grade 6	Compliant
	Resistance to heat	ASTM F1514	△E ≤8	Compliant
	Resistance to chemicals	ASTM F925	Slight change only	Compliant

LEED SCORECARD

How our products fit into LEED v4:

	Credit Type	Points	Criteria	Product Contribution
LEED BD+C and ID+C	EQ Credit: Low-Emitting Materials	1-3 points	Option 2. Product has been tested according to EN 16516:2017 and complies with the LCI values from Table 1 of the German AgBB Testing and Evaluation Scheme (2015) and a formaldehyde limit of 10 micrograms per cubic meter. Additionally, the range of total VOCs after 28 days was measured as specified in EN 16516 and reported (TVOC ranges: 0.5 mg/m3 or less, between 0.5 and 5 mg/m3, or 5 mg/m3 or more).	CFL wall panel products are IAC Gold compliant, including compliance with German AgBB testing.
	MR Credit: Building Product Disclosure and Optimization – Material Ingredients	1 point	Option 1: Material Ingredient Optimization International Alternative Compliance Path – REACH Optimization (value at 100% of cost or 1 product). End use products and materials have fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization List – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list, (the version in effect June 2013,) proving that no such substance is included in the product. If the product contains no ingredients listed on the REACH Authorization, Restriction, and Candidate list.	CFL products are REACH compliant.

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