

VINYL COMPOSITION TILE (VCT)

Product Information

Construction - Vinyl Composition Tile

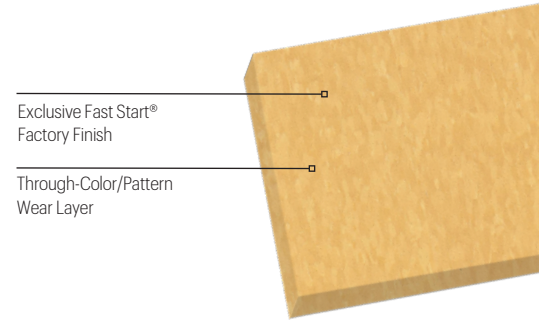
International Specifications - ASTM F1066 - Class 2 Through Pattern, ISO 10595, Type II

Overall/Wear Layer Thickness - 1/8 in. (3.2 mm)

Factory Finish - Fast Start®

Installation - Adhesives: S-515, S-525, S-1000

Maintenance Options - Polish



Packaging

Size

Crown Texture | Stonetex
12 in. x 12 in. (305 mm x 305 mm)

Raffia Stream
12 in. x 24 in. (305 mm x 610 mm)

Tile per Carton/Coverage

45 - 45 sq. ft. (4.18 m²)

22 - 44 sq. ft. (4.08 m²)

Shipping Weight per Carton

63 lbs./carton (28.6 kg)

61 lbs./carton (27.7 kg)

Testing

ASTM F1066			
Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F386	Nominal ± 0.005 in.	Meets
Size	ASTM F2055	± 0.016 in. per linear foot	Meets
Squareness	ASTM F2055	0.010 in. max	Meets
Indentation – One Minute	ASTM F1914	≥ 0.006 in. to ≤ 0.015 in.	Meets
Indentation @ 115°F	ASTM F1914	< 0.032 in.	Meets
Impact	ASTM F1265	No cracks beyond limit	Meets
Deflection	ASTM F1304	1.0 in. minimum	Meets
Dimensional Stability	ASTM F2199	≤ 0.024 in. per linear foot	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	ΔE < 8.0	Meets
Additional Testing			
Static Load Resistance	ASTM F970*	< 0.005 in.	2000 psi
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm ² or more Class 1	Meets
Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets
Fire Test Data – Canada	CAN\ULC S102.2	Use dependent	Flame Spread - 0 Smoke Developed - 30
ADA Standards for Accessible Design	Chapter 3 Section 302.1	Floor surfaces shall be stable, firm and slip-resistant	Meets
Static Coefficient of Friction**	ASTM D 2047/UL 410	≥ 0.5	Meets

Maritime Usage

IMO Resolution A653 (16)

Surface Flammability Test - IMO Resolution MSC 61(67) Annex 1 Part 5 and Annex 2
Smoke and Toxicity Test - IMO Resolution MSC 61(67) Annex 1 Part 2 and Annex 2

Safety Of Life at Sea (SOLAS) 1974 Regulation

II-2/3.40.5

II-2/5.3.2.4

II-2/6.2

United States Coast Guard

Passes

Passes

Compliant

Approved

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Sustainability

WELL v1 Feature

Air	Feature 04 - VOC Reduction
	Feature 11 - Fundamental Material Safety
	Feature 25 - Toxic Material Reduction
Mind	Feature 97 - Material Transparency
	Feature 88 (Part 2) Biophilia I - Qualitative
	Feature 99 - Beauty and Design II

Premium Excelon

✓
✓
✓
✓
✓
✓

Contribution

Tested and third party certified by FloorScore® as complying with CDPH v1.2
Product is free of asbestos and added lead (Part 1)
Free of flame retardants (Part 2)
Readily available Health Product Declaration® (HPD) to 1000 ppm
Products available that incorporate nature patterns
Patterns and colors to aid in wayfinding and spatial familiarity (Part 3)

WELL v2 Feature

Air	Feature X12 - Short Term Emission Control
	Feature X11 Long-Term Emission Control
	Feature X01 Fundamental Material Precautions
	Feature X10 Volatile Organic Compound
Materials	Feature X14 Material Transparency
	Feature M02 Access to Nature
Mind	Feature C13 (Part 2) Accessibility and Universal Design

Premium Excelon

✓
✓
✓
✓
✓
✓
✓

Contribution

Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
Product is free of asbestos
Free of flame retardants (Part 2)
Readily available Health Product Declaration (HPD) to 1000 ppm
Products available that incorporate nature patterns
Patterns and colors to aid in wayfinding and spatial familiarity

LEED™ v4.1

BPDO - EPD
BPDO - Material Ingredient
BPDO - Sourcing
Location of Manufacturer
Low Emitting Flooring
Low Emitting Adhesives
SCAQMD #1168 Compliant.
Adhesives meet <50 g/L requirement

Premium Excelon

Product Specific certified by ASTM International
HPD
Recycled Content – 30% Pre-Consumer - Raffia® Stream™, Stonetex® 25% Total - Crown Texture™ (5% Post-Consumer and 20% Pre-Consumer)
Extended Producer Responsibility – On&On™ Recycling Program
USA
Tested and third party certified by FloorScore as complying with CDPH v1.2
Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified
S-515 – 0 g/L
S-525 – 16 g/L
S-1000 – 0.1 g/L

Carbon Footprint

Global Warming Potential, including Biogenic Carbon Raw Materials (A1) through Production (A3)
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Premium Excelon

0.33 Kg CO ² eq. / square foot (3.52 Kg CO ² eq. / square meter)

Limited Warranty

5-year Commercial Warranty when installed in strict accordance with the detailed instructions.

Visit ArmstrongFlooring.com

for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.

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*Testing at loads above 125 psi is outside the scope of the test method. Since testing is conducted on uninstalled flooring, results do not consider the performance of the adhesive, underlayment, or subfloor. These test results are not an indicator of the installed flooring system performance.

