ArmstrongFlooring™

VINYL COMPOSITION TILE (VCT) **Standard Excelon® Imperial® Texture**

Product Information

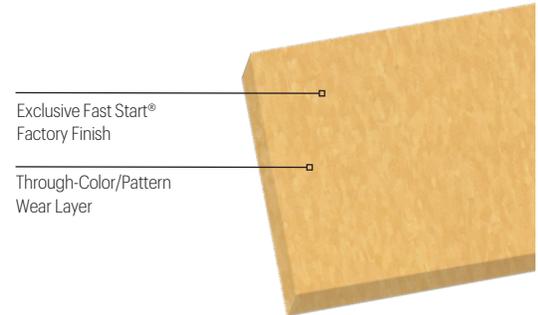**Construction** - Vinyl Composition Tile

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 Tile Strong, S-319 Roll Strong, S-1000, Flip® Spray

Maintenance Options - Polish

Exclusive Fast Start®
Factory Finish

Through-Color/Pattern
Wear Layer

Packaging

Size	Tile per Carton/Coverage	Shipping Weight per Carton
12 in. x 12 in. (305 mm x 305 mm)	45 - 45 ft² (4.18 m²)	63 lbs./carton (28.6 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/cm² 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

ArmstrongFlooring™

VINYL COMPOSITION TILE (VCT) **Standard Excelon® Imperial® Texture**

Sustainability

WELL v1 Feature		Imperial Texture	Contribution
Air	Feature 04 - VOC Reduction	✓	Tested and third party certified by FloorScore® as complying with CDPH v1.2
	Feature 11 - Fundamental Material Safety	✓	Product is free of asbestos and added lead (Part 1)
	Feature 25 - Toxic Material Reduction	✓	Free of flame retardants (Part 2)
Mind	Feature 97 - Material Transparency	✓	Readily available Health Product Declaration® (HPD) to 1000 ppm
	Feature 88 (Part 2) Biophilia I - Qualitative	✓	Products available that incorporate nature patterns
	Feature 99 - Beauty and Design II	✓	Patterns and colors to aid in wayfinding and spatial familiarity (Part 3)

WELL v2 Feature		Imperial Texture	Contribution
Air	Feature X12 - Short Term Emission Control	✓	Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
	Feature X11 Long-Term Emission Control	✓	Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
	Feature X01 Fundamental Material Precautions	✓	Product is free of asbestos
Materials	Feature X10 Volatile Organic Compound	✓	Free of flame retardants (Part 2)
	Feature X14 Material Transparency	✓	Readily available Health Product Declaration® (HPD) to 1000 ppm
Mind	Feature M02 Access to Nature	✓	Products available that incorporate nature patterns
Community	Feature C13 (Part 2) Accessibility and Universal Design	✓	Patterns and colors to aid in wayfinding and spatial familiarity

LEED™ v4.1	Imperial Texture
BPDO - EPD	Product Specific certified by ASTM International
BPDO - Material Ingredient	HPD
BPDO - Sourcing	Recycled Content – 25% Total (5% Post-Consumer and 20% Pre-Consumer)
Location of Manufacturer	USA
Low Emitting Flooring	Tested and third party certified by FloorScore as complying with CDPH v1.2
Low Emitting Adhesives	Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified
SCAQMD #1168 Compliant. Adhesives meet <50 g/L requirement.	S-319 - 0 g/L S-515 – 0 g/L S-1000 – 0.1 g/L Flip® Spray - 0 g/L

Carbon Footprint	Imperial Texture
Global Warming Potential, including Biogenic Carbon Raw Materials (A1) through Production (A3)	0.33 Kg CO² eq. / square foot (3.52 Kg CO² eq. / square meter)

Limited Warranty

Supported by a 20 Year Commercial Limited Warranty.

Add 10 years of overall warranty coverage by using Strong System™ subfloor preparation products.
Visit ArmstrongFlooring.com for more information.

Visit ArmstrongFlooring.com
for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.