

Product Information

Construction - Solid Vinyl Tile (Luxury Vinyl Tile / LVT)

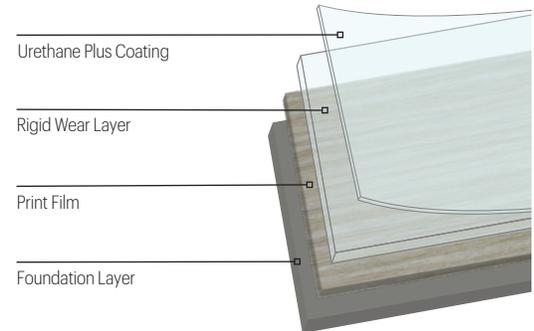
International Specifications - ASTM F1700, Class III, Type B embossed surface

Overall Thickness - Parallel USA 20: 0.100 in. (2.5 mm); Parallel USA 12: 0.080 in. (2.0 mm)

Wear Layer Thickness - Parallel USA 20: 0.020 in. (0.5 mm); Parallel USA 12: 0.012 in. (0.3 mm)

Factory Finish - Urethane Plus

Installation - Adhesives: S-995, S-319 Roll Strong™, S-1000,
S-730 **REQUIRED** for wall application+



Maintenance Options - No Polish - No Buff, Polish Optional

Packaging

Sizes	Pieces per Carton/Coverage	Shipping Weight per Carton
Parallel® USA 20		
6 in. x 48 in. (152.4 mm x 1219.2 mm)	18 - (36 sq. ft.) 3.34 m ²	39 lbs./carton (17.69 kg)
18 in. x 18 in. (457.2 mm x 457.2 mm)	16 - (36 sq. ft.) 3.34 m ²	39 lbs./carton (17.69 kg)
Parallel® USA 12		
6 in. x 48 in. (152.4 mm x 1219.2 mm)	18 - (36 sq. ft.) 3.34 m ²	29 lbs./carton (13.15 kg)
18 in. x 18 in. (457.2 mm x 457.2 mm)	16 - (36 sq. ft.) 3.34 m ²	29 lbs./carton (13.15 kg)

Testing

ASTM F1700			
Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F386	Nominal ±0.005 in.	Meets
Wear Layer Thickness	ASTM F410	0.020 in. (0.5 mm) minimum for Commercial Use	Parallel USA 20 - Meets
Size	ASTM F2421/F2055	± 0.016 in. per linear foot	Meets
Squareness	ASTM F2421/F2055	0.010 in. maximum	Meets
Residual Indentation	ASTM F1914	Average less than 8%	Meets
Dimensional Stability	Internal	≤ 0.018 in. per linear ft. MD ≤ 0.012 in. per lin. ft. AMD	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	ΔE < 8	Meets
Resistance to Light	ASTM F1515	ΔE < 8	Meets
Static Load Resistance @ 250	ASTM F970	< 0.005 in.	Meets
Static Coefficient of Friction**	ASTM D2047/UL 410	≥ 0.5	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 E 84	450 or less	Meets
Fire Test Data – Steiner Tunnel+	ASTM E 84	Use dependent	Class A
Fire Test Data – Canada	CAN/ULC S-102.2	Use dependent	Parallel 20: Flame Spread - 5; Smoke Developed - 75 Parallel 12: Flame Spread - 0; Smoke Developed - 50
ADA Standards for Accessible Design	Chapter 3, Section 302.1	Floor surfaces shall be stable, firm and slip resistant	Meets

Sustainability

WELL v2 Feature	Parallel USA	Contribution
Materials		
Feature X01.1 Material Restrictions	✓	Product is free of asbestos
Feature X05.1 Enhanced Material Restrictions	✓	Free of flame retardants (Part 2) and phthalates (Part 3)
Feature X06.1 VOC Restrictions	✓	Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
Feature X06.2 VOC Restrictions	✓	Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
Feature X07.1 Material Transparency	✓	Readily available Health Product Declaration (HPD) to 1000 ppm
Mind		
Feature M02.1 Nature and Place	✓	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

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

Parallel USA

Third Party certified Product Specific
HPD
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-995 - 0 g/L
S-319 Roll Strong - 0 g/L
S-1000 - 0.1 g/L
S-730 - 5 g/L

Carbon Footprint

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

Parallel USA

0.64 Kg CO ² eq. / square foot
(6.88 Kg CO ² eq. / square meter)

Limited Warranty

Parallel USA 20

25-year Commercial* | 30-year Residential Warranty when installed per detailed instructions using Armstrong Flooring® adhesive.

Parallel USA 12

17-year Commercial* | 15-year Residential Warranty when installed per detailed instructions using Armstrong Flooring® adhesive.

*Note: warranty reduced by 10 years if Armstrong Flooring adhesive is not used.

+LVT Wall Installation: S-730 Wall and Wall Base Adhesive is **REQUIRED** to meet Class A performance. This also provides an enhanced warranty.

Visit ArmstrongFlooring.com

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

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*Testing at loads above 250 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. **Using the James Machine as described in D2047 and as directed in UL 410 for floor covering materials (FCM) using a leather foot under dry conditions. The application of site-applied floor sealers, polishes and other types of finishes routinely used to maintain resilient flooring materials will change the walking surface and consequently the SCOF value.



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with U.S. and global content.