

LUXURY FLOORING FLOOR & WALL APPLICATIONS

American Charm™ 12 American Charm™ 20

Product Information

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

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

Size - 6 in. x 36 in.

Overall Thickness - American Charm 12: 0.080 in. (2.0 mm);

American Charm 20: 0.100 in. (2.5 mm)

Wear Layer Thickness - American Charm 12: 0.012 in. (0.3 mm);

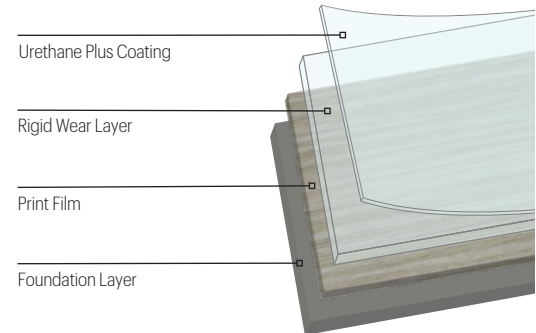
American Charm 20: 0.020 in. (0.5 mm);

Edge Detail - Square

Factory Finish - Urethane Plus

Installation - Glue Down: S-995, S-1000, S-319, S-730 - **REQUIRED** for wall application+

Maintenance Options - No Polish - No Buff



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

Packaging

Sizes	Pieces per Carton/Coverage	Shipping Weight per Carton
6 in. x 36 in. (457 mm x 914 mm)	24 - (36 sq. ft.) 3.34 m ²	30.72 lbs. (13.93 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	American Charm 12 - N/A American Charm 20 - Meets
Size	ASTM F2421/F2055	± 0.016 in. per linear foot	Meets
Squareness	ASTM F2421/F2055	0.010 in. maximum	Exceeds
Residual Indentation	ASTM F1914	Average less than 8%	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	$\Delta E < 8$	Exceeds
Resistance to Light	ASTM F1515	$\Delta E < 8$	Exceeds
Static Coefficient of Friction**	ASTM D2047/UL 410	≥ 0.5	Meets
Additional Testing			
Static Load Resistance	ASTM F970*	≤ 0.005 in.	3000 psi
Dimensional Stability	Internal Method	≤ 0.020 in. per linear foot	Meets
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 – Steiner Tunnel+	ASTM E84	Use dependent	Class A
Fire Test Data – Canada	CAN/ULC S-102.2	Use dependent	American Charm 12: Flame Spread - 0; Smoke Developed - 50 American Charm 20: Flame Spread - 5; Smoke Developed - 75
ADA Standards for Accessible Design	Chapter 3, Section 302.1	Floor surfaces shall be stable, firm and slip resistant	Meets
Acoustics	ASTM E492 (IIC) ASTM E90 (STC) ASTM E2179 (DELTA IIC)	International Building Code (IIC ≥ 50) International Building Code (STC ≥ 50) Sound Transmission Reduction	6 in. concrete, no ceiling with Quiet Comfort Sound Control Luxury Flooring Underlayment American Charm 12 IIC - 54 STC - 50 Delta IIC - 24 American Charm 20 IIC - 53 STC - 51 Delta IIC - 22

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American Charm™ 12
American Charm™ 20

Sustainability

WELL v2 Feature	American Charm	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
BPDO - Sourcing
Location of Manufacturer
Low Emitting Flooring
Low Emitting Adhesives
SCAQMD #1168 Compliant.
Adhesives meet <50 g/L requirement

American Charm

Product Specific, Third Party Certified
HPD, Third Party verified
5% pre-consumer recycled content
USA
Tested and third party certified by FloorScore as complying with CDPH v1.2
Tested and compliant to CDPH v1.2; FloorScore Certified
S-995 - 0 g/L
S-319 - 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)

American Charm

5.17 kg CO ₂ eq / m ² American Charm 12
6.01 kg CO ₂ eq / m ² American Charm 20

Commercial Limited Warranty

Use Armstrong Flooring recommended adhesives for full warranty coverage.

American Charm 12 = 17 years

American Charm 20 = 25 years

If recommended Armstrong Flooring adhesive is not used, the commercial warranty is reduced to one year from purchase and covers flooring material only. Visit [ArmstrongFlooring.com](https://www.armstrongflooring.com) for full warranty details.



FLOOR
Expert

Expert advice: product,
installation & maintenance.

AF-1202-826

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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.