

PRODUCT SPEC PAGE

STANDARD EXCELON® Imperial® Texture

Vinyl Composition Tile (VCT)

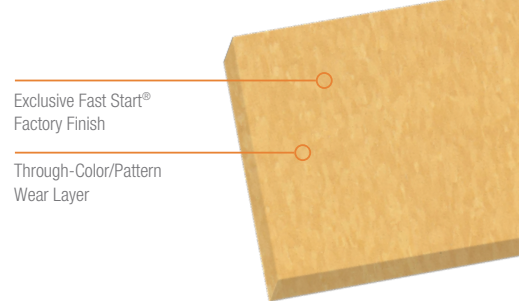
Product Information

| Construction | International Product Specifications | Overall Thickness Wear Layer Thickness | Factory Finish | Installation | Maintenance Options |
|------------------------|--|---|----------------|--|---------------------|
| Vinyl Composition Tile | ASTM F1066 - Class 2 Through Pattern ISO 10595 Type II | 1/8 in. (3.2 mm) | Fast Start® | S-515 High Moisture, S-525, S-700, S-750 or Flip® Spray Adhesive | Polish |

Packaging

| Tile Size | Tile per Carton/Coverage | Shipping Weight per Carton |
|--------------------------------------|---|-------------------------------------|
| 12 in. x 12 in. (305 mm x 305 mm) | 45 - 45 ft ² (4.18 m ²) | Approx. 63 lbs./carton (28.6 kg) |

Product Structure



Testing

| | Performance | Test Method | Requirement | Performance vs. Requirement |
|--------------------|-------------------------------------|----------------------------|---|---------------------------------------|
| ASTM F 1066 | Thickness | ASTM F 386 | Nominal ± 0.005 in. | Meets |
| | Size | ASTM F 2055 | ± 0.016 in. per linear foot | Meets |
| | Squareness | ASTM F 2055 | 0.010 in. max | Meets |
| | Indentation – One Minute | ASTM F 1914 | ≥ 0.006 in. to ≤ 0.015 in. | Meets |
| | Indentation @ 115°F | ASTM F 1914 | < 0.032 in. | Meets |
| | Impact | ASTM F 1265 | No cracks beyond limit | Meets |
| | Deflection | ASTM F 1304 | 1.0 in. minimum | Meets |
| | Dimensional Stability | ASTM F 2199 | ≤ 0.024 in. per linear foot | Meets |
| | Chemical Resistance | ASTM F 925 | No more than slight change in surface dulling, attack or staining | Meets |
| | Resistance to Heat | ASTM F 1514 | ΔE not greater than 8.0 | Meets |
| Additional Testing | Static Load Resistance | ASTM F 970* | ≤ 0.005 in. | 2000 psi |
| | Fire Test Data – Flame Spread | ASTM E 648 | 0.45 W/cm ² or more Class I | Meets |
| | Fire Test Data – Smoke Evolution | ASTM E 662 | 450 or less | Meets |
| | Fire Test Data – Canada | CANULC 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 |

* 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.

** 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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Maritime Usage

| | |
|--|------------------|
| IMO Resolution A653 (16) Surface Flammability IMO MSC 61(67) Annex 1 Part 5 and Annex 2 Smoke and Toxicity IMO MSC 61(67) Annex 1 Part 2 and Annex 2 | Passes Passes |
| Safety Of Life at Sea (SOLAS) | Compliant |
| United States Coast Guard | Approved |

Sustainability

| Certification Attribute | Standard | 3rd party Certification/Certifier |
|---|-----------------------------------|-----------------------------------|
| Low-Emitting Material | CDPH v1.1 (2017) a.k.a CHPS 01350 | FloorScore/SCS |
| Environmental Product Declaration (EPD) | ISO 14025 | Yes/ASTM International |
| Plant Quality | ISO 9001 | Yes/SAI Global |

| Performance | Standard | Requirement | Performance vs. Requirements |
|--|-----------------------------------|--------------------------------|--|
| TVOC Range | CDPH v1.1 (2017) a.k.a CHPS 01350 | <0.5 mg/m ³ | Meets |
| Low Emitting Adhesives S-515 S-525 S-700 S-750 S-240 Flip® Spray Adhesive* | SCAQMD Rule #1168 | Less than 50 g/L | S-515 Exceeds – 0 g/L S-525 Exceeds – 16 g/L S-700 Exceeds – 0 g/L S-750 Exceeds – 5 g/L S-240 Exceeds – 10 g/L Flip® Exceeds – 0 g/L |
| Material Ingredients (Option 1) | LEED v4 | Content disclosure to 1000 ppm | Meets (See Armstrong Product Declaration) |
| Recycled Content | ISO 14021 | Contains recycled content | Meets Recycled Content – 25% Total (5% Post-Consumer and 20% Pre-Consumer) |

Limited Warranty

5-year Commercial Warranty when installed in accordance with Armstrong's Guaranteed Installation Systems manual, F-5061.

ArmstrongFlooring.com/commercial | 1 888 276 7876



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