

PRODUCT SPEC PAGE



STANDARD EXCELON® Imperial® Texture | MultiColor™ with Diamond 10® Technology Coating

Vinyl Composition Tile (VCT)

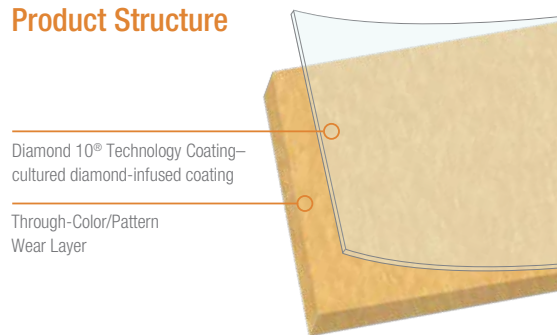
Product Information

| Construction | Product Line | International Product Specifications | Overall Thickness Wear Layer Thickness | Factory Finish | Installation | Maintenance Options |
|------------------------|--------------------------------|---|---|--------------------------------------|---|--|
| Vinyl Composition Tile | Imperial Texture MultiColor | ASTM F1066 - Class 2 Through Pattern | 1/8 in. (3.2 mm) | Diamond 10® Technology Coating | Full Spread Adhesives S-515, S-525, S-700, S-750 & Flip® Spray Adhesive | No Polish-No Buff No Polish –Spray Buff 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. | 125 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 - 5 |
| | 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 |

* 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 |
| Low-Emitting Adhesives (S-515, S-525, S-700, S-750, S-240, Flip™ Spray Adhesive) | CDPH v1.1 (2010) a.k.a CHPS 01350 | FloorScore/SCS |

| Performance | Standard | Requirement | Performance vs. Requirements |
|--|-----------------------------------|----------------------------------|--|
| TVOC Range | CDPH v1.1 (2017) a.k.a CHPS 01350 | <0.5 mg/m³ | Meets |
| Low Emitting Adhesives S-515 S-525 S-700 S-750 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 Flip® Exceeds – 0 g/L |
| Material Ingredients (Option 1) | LEED v4 and WELL® Feature 97 | Content disclosure to 1000 ppm | Meets (See Armstrong Product Declaration) |
| Recycled Content | ISO 14021 | Contains recycled content | Meets - 18% Pre-Consumer |
| Sourcing of Raw Materials (Option 2) | LEED v4 | Extended Producer Responsibility | Meets- Recyclable through Armstrong Flooring On&On™ Flooring Recycling Program |

Limited Warranty

10-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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