**Vivero™ Better with Diamond 10® Technology**

**Luxury Flooring**

### Product Information

**Construction**
- Solid Vinyl Tile (a.k.a. Luxury Vinyl Tile - LVT)

**Product Line**
- Vivero™ Better

**International Product Specifications**
- ASTM F 1700, Class III, Type B embossed surface

**Overall Thickness**
- 0.080 in. (2.0 mm)

**Wear Layer Thickness**
- 0.012 in. (0.3 mm)

**Factory Finish**
- Diamond 10® Coating

**Installation**
- Full Spread Adhesives: S-288 Premium, S-240 Epoxy, S-310 Roll Strong™, S-543 High-Moisture

**Maintenance Options**
- No Polish – No Buff Polish

### Packaging

**Tile Sizes**
- 4.5 in. X 48 in. (114.3 mm X 1219.2 mm)
- 6 in. X 48 in. (152.4 mm X 1219.2 mm)

**Tiles per Carton/Coverage**
- 24 - 36 ft² (3.35 m²)
- 18 – 36.1 ft² (3.35 m²)

**Shipping Weight per Carton**
- 29.07 lbs./carton (13.18 kg)
- 29.03 lbs./carton (13.16 kg)

### Product Structure

- Cultured Diamond-Infused Coating
- Rigid Wear Layer
- Print Film
- Foundation Layer

### Testing

**ASTM F 1700**

**Performance**
- Thickness
- Wear Layer Thickness
- Size
- Squareness
- Residual Indentation
- Flexibility
- Chemical Resistance
- Heat Resistance
- Light Resistance
- Static Load Limit
- Dimensional Stability
- Fire Test Data – Flame Spread
- Fire Test Data – Smoke Evolution
- ADA Standards for Accessible Design
- Static Coefficient of Friction*

**Test Method**
- ASTM F 386
- ASTM F 410
- ASTM F 2421
- ASTM F 1914
- ASTM F 137
- ASTM F 925
- ASTM F 1514
- ASTM F 1515
- ASTM F 970
- Internal
- ASTM E 648
- ASTM E 662
- Chapter 3 Section 302.1
- ASTM D2047 UL 410

**Requirement**
- Nominal ± 0.005 in.
- 0.020 in. (0.5 mm) minimum for Commercial Use
- 0.016 in. per linear foot
- 0.010 in. maximum
- Average less than 8%.
- ≤ 1.0 in. diameter, no cracks or breaks
- No more than slight change in surface dulling, attack or staining
- ∆E < 8
- ∆E < 8
- ≤ 0.005 in.
- ≤ 0.018 in. per linear foot MD
- ≤ 0.012 in. per linear foot AMD
- 0.45 w/cm² or more Class I
- 450 or less
- Floor surfaces shall be stable, firm and slip resistant
- ≥0.5

**Performance vs. Requirement**
- Meets
- Meets
- Meets
- Meets
- Meets
- Meets
- Meets
- Meets
- Meets
- 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.
**Sustainability**

<table>
<thead>
<tr>
<th>Certification Attribute</th>
<th>Standard</th>
<th>3rd party Certification/Certifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Emitted Material</td>
<td>CDPH v1.2 (2017) a.k.a. CHPS 01350</td>
<td>FloorScore/SCS</td>
</tr>
<tr>
<td>Environmental Product Declaration (Industry EPD)</td>
<td>ISO 14025 and ISO 14040</td>
<td>Yes/ULE</td>
</tr>
</tbody>
</table>

**Performance vs. Requirements**

- **TVOC Range**
  - CDPH v1.2 (2017) a.k.a. CHPS 01350
  - FloorScore®/SCAQMD

- **Low Emitting Adhesives**
  - S-288 Exceeds - 14 g/L
  - S-240 Exceeds - 10 g/L
  - S-310 Roll Strong™ Exceeds - 0 g/L
  - S-543 Exceeds - 0 g/L
  - Flip® Spray Adhesive Exceeds - 0 g/L

- **Recycled Content**
  - 29% pre-consumer recycled content

- **Material Ingredients/Transparency**
  - LEED v4 (Option 1)
  - WELL™ Feature 97
  - WELL™ Feature 11 and 25

- **Fundamental Material Safety**
  - Toxic Materials Reduction
  - No asbestos, free of lead and phthalates (DEHP, DBP, BBP, DIDP, DNOP)

**Limited Warranty**

10-year Commercial Warranty when installed in accordance with the current edition of the Armstrong Flooring Guaranteed Installation Systems manual, F-5061.

**Links**

- Visit Floor Expert: [www.floorexpert.com](http://www.floorexpert.com)