**Luxe Plank® with Rigid Core Technology**

**Rigid Core Flooring**

**PRODUCT SPEC PAGE**

**Product Information**

<table>
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<tr>
<th>Construction</th>
<th>Product Line</th>
<th>International Product Specifications</th>
<th>Overall Thickness</th>
<th>Factory Finish</th>
<th>Installation</th>
<th>Maintenance Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rigid Polymeric</td>
<td>Rigid Core Flooring</td>
<td>ASTM F 3261, Class I, Type B, Grade 1, Backing Class B</td>
<td>0.315 in. (8 mm)</td>
<td>UV-Acrylic</td>
<td>Floating</td>
<td>No Polish - No Buff</td>
</tr>
</tbody>
</table>

**Packaging**

<table>
<thead>
<tr>
<th>Tile Sizes</th>
<th>Tiles per Carton/ Coverage</th>
<th>Shipping Weight per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in. x 24 in. (304.8 mm x 609.6 mm)</td>
<td>14 – 28 ft² (2.6 m²)</td>
<td>47 lbs./carton (21.32 kg)</td>
</tr>
<tr>
<td>6 in. x 48 in. (152.4 mm x 1219.2 mm)</td>
<td>14 – 27.39 ft² (2.64 m²)</td>
<td>46 lbs./carton (20.87 kg)</td>
</tr>
<tr>
<td>7 in. x 48 in. (177.8 mm x 1219.2 mm)</td>
<td>12 – 28.5 ft² (2.65 m²)</td>
<td>48 lbs./carton (21.77 kg)</td>
</tr>
</tbody>
</table>

**Testing**

**Performance**

- Thickness, product without foam thickness
- With foam back layer
- Size, tolerance - Up to 12 in. Plank length ≥ 24 in. - < 48 in.
- Squareness
- Residual indentation
- Chemical resistance
- Resistance to heat
- Resistance to light
- Static load limit
- Dimensional stability
- Internal
- ASTM F 648
- ASTM E 662
- 0.45 w/cm² or more Class I
- 450 or less
- Floor surfaces shall be stable, firm and slip resistant

**Test Method**

- ASTM F 387
- ASTM F 2055
- ISO 24337 - Plank
- ASTM F 1914
- ASTM F 925
- ASTM F 1514
- ASTM F 1515
- ASTM F 970
- ASTM F 3261
- Internal
- ASTM E 648
- Chapter 3 Section 302.1
- ASTM D 2047 / UL 410

**Requirement**

- as specified ±0.005 in. (0.13 mm)
- as specified ±0.008 in. (0.20 mm)
- ±0.016 in. (0.40 mm)
- ±0.060 in. (1.5 mm)
- 0.016 in. (0.25 mm) maximum avg. ±0.007 in. (0.18 mm)
- No more than slight change in surface dulling, attack or staining
- ΔE < 8
- ΔE < 8
- Max. loading: 250 psi (1.72 MPa) max. residual indent: 0.005 in. (0.13 mm)
- 0.2 % / lineal ft (305 mm) max
- ≤ 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

*Using the James Machine as described in ASTM 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.*

[Image of Luxe Plank® with Rigid Core Technology]

<Armstrong Flooring Logo>

Inspiring Great Spaces®
Luxe Plank® with Rigid Core Technology
Rigid Core Flooring

Sustainability and Well-Being

<table>
<thead>
<tr>
<th>Certification Attribute</th>
<th>Standard</th>
<th>3rd party Certification/Certifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Emitting Material - Flooring</td>
<td>CDPH v1.1 (2017) a.k.a CHPS 01350</td>
<td>FloorScore/SCS</td>
</tr>
<tr>
<td>Low Emitting Material – Adhesive (S-288)</td>
<td>CDPH v1.1 (2017) a.k.a CHPS 01350</td>
<td>FloorScore/SCS</td>
</tr>
</tbody>
</table>

Performance

<table>
<thead>
<tr>
<th>Performance</th>
<th>Standard</th>
<th>Requirements</th>
<th>Performance vs. Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOC Range</td>
<td>CDPH v1.1 (2017) a.k.a CHPS 01350</td>
<td>&lt;0.5 mg/m³</td>
<td>Meets</td>
</tr>
<tr>
<td>Low Emitting Adhesives S-288</td>
<td>SCAQMD</td>
<td>Less than 50 g/L</td>
<td>S-288 Exceeds - 14 g/L</td>
</tr>
<tr>
<td>Fundamental Material Safety</td>
<td>WELL® Feature 11 and 25</td>
<td>No asbestos, free of lead and phthal-</td>
<td>Meets</td>
</tr>
<tr>
<td>Toxic Materials Reduction</td>
<td>ASTM E2179</td>
<td>ates (DEHP, DBP, BBP, DDP, DNOP)</td>
<td></td>
</tr>
<tr>
<td>Acoustics</td>
<td>ASTM E492</td>
<td>Sound transmission reduction</td>
<td></td>
</tr>
<tr>
<td>IBC</td>
<td></td>
<td>50 IIC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Exceeds 51 on 6” concrete</td>
<td></td>
</tr>
</tbody>
</table>

Limited Warranty

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