

PRODUCT SPEC PAGE



Rejuvenations™ Restore™ with Diamond 10® Technology Coating

Heterogeneous Sheet Flooring

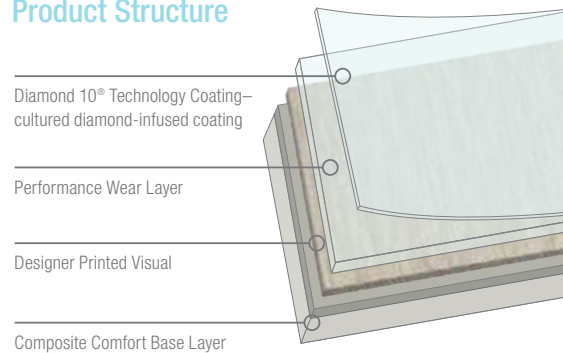
Product Information

| Construction | Product Line | International Product Specifications | Overall Thickness Wear Layer Thickness | Factory Finish | Installation | Maintenance Options |
|---------------|--------------|--|---|--------------------------------------|--|---|
| Heterogeneous | Restore | ASTM F 1303 Type I, Grade 1, Class C Backing | 0.125 in. (3.2 mm) 0.022 in. (0.55 mm) | Diamond 10® Technology coating | Full-Spread Adhesives: S-599 ChoiceStrong™, S-543, Flip® Spray Adhesive, S-240 Epoxy, S-580 Flash Cove Adhesive Seams: Heat Weld or S-761 Seam Adhesive | Polish No Polish – No Buff No Polish – Spray Buff |

Packaging

| Roll Length | Roll Width | Shipping Weight per Roll |
|---------------------|---------------------|---|
| Up to 72 ft. (22 m) | 6 ft. 7 in. (2.0 m) | Approx. 5.7 lbs./sq. yd. (3.1 kg/sq. m) |

Product Structure



Testing

| | Performance | Test Method | Requirement | Performance vs. Requirement |
|--------------------|---|----------------------------|--|---|
| ASTM F 1303 | Wear Layer Composition | Certificate of Compliance | 90% binder | Meets |
| | Wear Layer Thickness | ASTM F 410 | ≥ 0.020 in. | Meets |
| | Total Thickness | ASTM F 386 | ≥ 0.040 in. | Meets |
| | Residual Indentation | ASTM F 1914 | ≤ 0.012 in. | Meets |
| | Static Load Resistance @ 175 psi | ASTM F 970 | ≤ 0.005 in. | Meets |
| | Flexibility | ASTM F 137 | 1/4 inch mandrel, no cracks or breaks in wear surface | Meets |
| | Resistance to Chemicals | ASTM F 925 | No more than slight change in surface dulling, attack or staining | Meets |
| | Resistance to Heat | ASTM F 1514 | Max. avg. ΔE ≤ 8 | Meets |
| | Resistance to Light | ASTM F 1515 | Max. avg. ΔE ≤ 8 | Meets |
| | Static Load Resistance | ASTM F 970* | ≤ 0.005 in. | 400 psi |
| | Resistance to Rolling Loads | EN1569 | No perceivable damage. Maximum indentation <0.5 under a 300 mm straight edge | Pass |
| | Fire Test Data – Flame Spread | ASTM E 648 | 0.45 W/cm² or more Class I | Meets |
| | Fire Test Data – Smoke Evolution | ASTM E 662 | 450 or less | Meets |
| | Fire Test Data – Canada | CAN/ULC S102.2 | Use dependent | Flame Spread – 60; Smoke Developed – 85 |
| Additional Testing | ADA Standards for Accessible Design | Chapter 3 Section 302.1 | Floor surfaces shall be stable, firm and slip-resistant | Meets |
| | Wear Group Classification per EN649-volume loss | EN660-2 | – | Wear Group T ≤ 2.0 mm³ |
| | Bacteria Resistance | ISO 846: Part C | – | No Observed Growth |
| | Antistatic Properties | EN 1815 | ≤ 2.0 kV | Meets (antistatic) |
| | Static Coefficient of Friction** | ASTM D 2047/UL 410 | ≥ 0.5 | Meets |

*Testing at loads above 175 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 with 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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Sustainability

| Certification Attribute | Standard | 3rd-party Certification/Certifier |
|---|--|-----------------------------------|
| Low-Emitting Material | CDPH v1.2 (2017) a.k.a CHPS 01350 | FloorScore®/SCS |
| Environmental Product Declaration (EPD) | ISO 14025 and ISO 14040 | Certified/ULE |
| Plant Certifications | ISO 9001 – Quality Standards ISO 14001 – Environmental Management | Certified/DQS |

| Performance | Standard | Requirement | Performance vs. Requirement |
|---|--|---|---|
| TVOC Range | CDPH v1.2 (2017) a.k.a CHPS 01350 | <0.5 mg/m³ | Meets |
| Low-Emitting Adhesives (S-543, S-580, S-599, S-240, Flip® Spray Adhesive) | SCAQMD Rule #1168 | Less than 50 g/L | S-240 Exceeds – 10 g/L S-543 Exceeds – 0 g/L S-580 Exceeds – 0 g/L S-599 Exceeds – 14 g/L Flip® Exceeds – 0 g/L |
| Acoustics | ASTM E492 ASTM E90 ASTM E2179 ASTM E3133 ISO 10140-3 | Impact Insulation Class Sound Transmission Class Sound Transmission Reduction Radiated Impact Sound Impact Sound Insulation | IIC – 50 (6" concrete - no ceiling) STC – 53 (6" concrete - no ceiling) Delta IIC (ΔIIC) – 21 LWA 86 (6" concrete - no ceiling) Delta Lw (ΔLw) – 17dB |
| Material Ingredients/Transparency | LEED® v4 (Option 1) Well™ Feature 97 | Content disclosure to 1000 ppm | Meets (See Armstrong Flooring Product Declaration) |
| Fundamental Material Safety Toxic Materials Reduction | WELL™ Feature 11 and 25 | No asbestos, free of lead and phthalates (DEHP, DBP, BBP, DIDP, DNOP) | Meets |
| Recycled Content | ISO 14021 | Contains recycled content | Meets – 13% Pre-Consumer |

Limited Warranty

10-year Commercial Warranty when installed in strict accordance with the Armstrong Flooring Guaranteed Installations Systems manual, F-5061.

ArmstrongFlooring.com/commercial | 1 888 276 7876



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