REJUVENATIONS™

Heterogeneous Sheet

Withstands Heavy Traffic
No Polish/No Buff Maintenance
Moisture-Resistant Adhesive
LEED® Eligible EQ4.3

CONTINUUM™
COLOR + DESIGN

Ambigu™
StoneRun™
TimberLine®

linoleum
biobased tile®
lvt
sheet
vct
commercial hardwood
commercial laminate
specialty flooring
accessories
With visuals that reflect the organic characteristics of homespun Tweeds made from the finest wools, and the shimmering iridescence of pearlized patina on stone and wood, the REJUVENATIONS™ Collection offers you endless possibilities. Underneath its natural warmth and subtle beauty lies an undeniable strength that delivers proven performance and lasting good looks.

Choose from:

- Ambigu™, the more fashion-forward style, includes Tweed, pearlized and end-cut wood grain visuals.
- StoneRun™ features the look of travertine and concrete.
- TimberLine®, realistic wood looks that range from traditional Oak, Maple, Cherry and Walnut to more exotic woods like Merbau and Bamboo.

PART OF THE CONTINUUM.

REJUVENATIONS is part of the Armstrong CONTINUUM™ – products designed to coordinate in both color and design. Relax, restore and rejuvenate new or existing space with Armstrong CONTINUUM.

EXPLORE THE POSSIBILITIES.

The REJUVENATIONS Collection complements our NATURAL CREATIONS® Luxury Vinyl Tile (LVT). Create stunning visual designs when you move from space to space.
REJUVENATIONS™
Ambigu™
WELD ROD: W0__

Tweed
38050 slight of hand
38051 soothsayer
38052 abracadabra
W0735 steel gray 71 mid gray
W0925 sand mid 74 shoreline
W0926 sand 16 sand

Maze
38056 hocus-pocus
38057 make believe
38058 folk tale
W0735 steel gray 71 mid gray
W0925 sand mid 74 shoreline
W0926 sand 16 sand

Origami
38053 bewitched
38054 spellbound
38055 mesmerized
W0735 steel gray 71 mid gray
W0925 sand mid 74 shoreline
W0926 sand 16 sand

Alchemy
38062 golden
38063 ginger
38064 obsidian
W0288 parchment 65 soft white
W0080 candy bar beige 03 bisqueware
W0647 rockin gray 13 shale

Wood Envy
38059 covet
38060 to die for
38061 rivalry
W0896 cane beige 08 buttercream
W0857 golden brown 08 buttercream
W0904 rock dust 61 graphite gray

visit www.ArmstrongFlooring.com • call 1 888 ARMSTRONG
StoneRun™ Travertini 34363 metropolitan
Ambigu™ Alchemy 38063 ginger

visit www.ArmstrongFlooring.com • call 1 888 ARMSTRONG
REJUVENATIONS™
StoneRun™
WELD ROD: W0___

Delhi
34343
delhi dacite
34341
delhi andesite
34342
delhi felsite

Gaya
34340
gaya dacite
34338
gaya andesite
34339
gaya felsite

Lithos Stone
34332
lithos dacite
34330
lithos andesite
34331
lithos felsite
34335
lithos phyllite

34336
lithos bojite
34333
lithos dunite
34334
lithos quartzite
34337
lithos anthracite

343347 green gold
03 bisqueware
W0473 andesite
69 light gray
W0918 natural tone
64 fresh taupe

W0737 green gold
03 bisqueware
W0473 andesite
69 light gray
W0918 natural tone
64 fresh taupe

W0737 green gold
03 bisqueware
W0473 andesite
69 light gray
W0918 natural tone
64 fresh taupe

W0739 gray smoke
03 bisqueware
W0918 natural tone
64 fresh taupe

W0904 rock dust
61 graphite gray
W0740 bronze blush
08 buttercream
W0898 asian gold
20 oyster
W0646 charcoal gray
13 shale
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<thead>
<tr>
<th><strong>Cosmo</strong></th>
<th>34344</th>
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<tr>
<td>bright lights</td>
<td>dusk</td>
<td>bling</td>
<td>macchiato</td>
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<td>W0950 tea green light</td>
<td>W0083 buttercream</td>
<td>W0898 asian gold</td>
<td>W0925 sand mid</td>
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<tr>
<td>65 soft white</td>
<td>65 soft white</td>
<td>20 oyster</td>
<td>16 sand</td>
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<table>
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<th><strong>Travertini</strong></th>
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<tr>
<td>token</td>
<td>midtown</td>
<td>burbs</td>
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<tr>
<td>W0083 buttercream</td>
<td>W0099 tan</td>
<td>W0665 dusty orange</td>
<td>W0672 meadowlark gray</td>
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<tr>
<td>20 oyster</td>
<td>80 stone</td>
<td>08 buttercream</td>
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<table>
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<td>diner</td>
<td>last call</td>
<td>subway</td>
<td>meter maid</td>
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<td>W0082 earth white</td>
<td>W0314 coal black</td>
<td>W0880 natural gray light</td>
<td>W0894 natural gray dark</td>
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<tr>
<td>65 soft white</td>
<td>60 jet black</td>
<td>69 light gray</td>
<td>12 shadow gray</td>
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<tr>
<td>34352 bagel</td>
<td>34353 downtown</td>
<td>34354 cabby</td>
<td>34355 uptown</td>
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<td>W0672 meadowlark gray</td>
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<tr>
<td>20 oyster</td>
<td>80 stone</td>
<td>08 buttercream</td>
<td>71 mid gray</td>
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</tr>
</tbody>
</table>

visit [www.ArmstrongFlooring.com](http://www.ArmstrongFlooring.com) • call 1 888 ARMSTRONG
# REJUVENATIONS™
## TimberLine®

**WELD ROD:** W0___
**WALL BASE:** ___

### Traditional

#### Oak
- **37353**
  - tried & true

#### Cherry
- **37356**
  - righteous

#### Maple
- **37359**
  - like a rock

### Oak
- **W0130**
  - brown gold 08 buttercream

- **37359**
  - like a rock

- **W0929**
  - amber 08 buttercream

- **37360**
  - bona fide

### Cherry
- **W0825**
  - coffee bean 04 butterscotch

- **37361**
  - naturally

### Maple
- **W0739**
  - gray smoke 43 silk

- **37354**
  - thunder

### Additional Options
- **W0918**
  - natural tone 03 bisqueware

- **W0928**
  - amber mid 04 butterscotch

- **W0856**
  - cape may tan 08 buttercream

- **W0466**
  - thunder 24 cocoa

### Additional Wood Finishes
- **W0898**
  - asian gold 08 buttercream

- **W0928**
  - amber mid 04 butterscotch

- **W0803**
  - black classic 54 black brown

- **W0898**
  - asian gold 08 buttercream

- **W0855**
  - cask brown 24 cocoa

- **W0803**
  - black classic 54 black brown

### Additional Options
- **W0739**
  - gray smoke 43 silk

- **W0928**
  - amber mid 04 butterscotch

- **W0080**
  - candy bar beige 73 parchment

### Website and Contact Information
- Call: 1 888 ARMSTRONG
Traditional

Walnut
37376 ginger
37377 coffee bean
37378 sepia
37379 char brown

Rustic

Carolina Hickory
37382 heartwood
37383 cinders
37380 spanish moss
37381 mangrove

Rustic Beech
37348 hang ten
37347 life is a
37349 cowabunga

Acadian Oak
37372 oiled plank
37373 broken in
37375 seasoned
37374 well versed

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REJUVENATIONS™
TimberLine®

Exotic

Linearis
- 37340 beeline
- 37341 straight forward
- 37342 elementary
- 37343 right-on

Mahogany
- 37370 cacao
- 37371 carob

Bamboo
- 37364 chinchilla
- 37365 red fox
- 37367 mink
- 37366 sable

Merbau
- 37368 curry
- 37369 tamarind

Walnut Grove
- 37345 plum creek
- 37344 neile
- 37346 prairie

Weld Rod: W0___
Wall Base: ___

W0130 brown gold
08 buttercream

W0897 burnished wood
08 buttercream

W0925 sand mid
16 sand

W0468 right-on
54 black brown

Exotic

W0896 cane beige
74 shoreline

W0856 cape may tan
08 buttercream

W0919 natural brown
06 olivine

W0474 chinchilla
61 graphite gray

Mahogany

W0855 cask brown
24 cocoa

W0855 cask brown
76 deep brown

Merbau

W0885 walnut brown
24 cocoa

W0855 cask brown
76 deep brown

Walnut Grove

W0926 sand
64 fresh taupe

W0926 sand
16 sand

W0466 thunder
64 fresh taupe

Visit www.ArmstrongFlooring.com • Call 1 888 ARMSTRONG
REJUVENATIONS™ is the perfect choice for areas where infection control is a concern. When combined with flash coving and weld rods, this easy-to-clean vinyl sheet improves impermeability and contributes to a sanitary, more aseptic environment. For non-aseptic spaces, Armstrong S-761 Seam Adhesive can be used to save you time and money.

Armstrong provides you with everything you need to complete your installation. From coordinated wall base, weld rods, transition strips and stair treads to adhesives and floor cleaners, look to Armstrong to be your interior solutions provider.

LOW MAINTENANCE
REJUVENATIONS has a low-maintenance, UV-cured polyurethane coating that eliminates the need to polish or spray buff. It saves time and money, and reduces life-cycle costs.

PROVEN PERFORMANCE
Armstrong sheet floors deliver proven performance and lasting good looks. With more than 125 testing procedures, Armstrong maintains excellent test results for abrasion, static load and stain resistance in a wide variety of commercial applications. Our internal performance guidelines are some of the toughest in the industry.

OUR COMMITMENT TO THE ENVIRONMENT
Armstrong sheet products are low VOC emissions – third-party FloorScore™ certified to California Section 01350. They comply with LEED® Credit EQ4.3 for Indoor Air Quality and are compatible with Green Guide for Healthcare GGHC-EQ4.3 and Collaborative for High-Performance Schools CHPS-EQ2.2 and LABS-21 IEQ4.3 Armstrong Adhesives comply with LEED EQ4.1.

All Armstrong products are tested and held to the highest quality standards as required for ISO 9001 and ISO 14001 certification.
Beneath the surface.

<table>
<thead>
<tr>
<th>Considerations</th>
<th>Heterogeneous</th>
<th>Homogeneous</th>
<th>Inlaid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Best choice for variety of visuals in commercial sheet flooring</td>
<td>Best choice for Operating Rooms or other applications that require gouge and abrasion resistance.</td>
<td>Most economical choice in commercial sheet flooring</td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>UV cured polyurethane coating</td>
<td>UV cured polyurethane coating</td>
<td>UV cured polyurethane coating</td>
</tr>
<tr>
<td>REJUVENATIONS™</td>
<td>Vinyl wear layer</td>
<td>Filled jaspéd chips</td>
<td>Felt or polyester backing</td>
</tr>
<tr>
<td>Ambigu™</td>
<td>Polyester backing</td>
<td>Through-pattern/ chip construction</td>
<td>Through-pattern/ chip wear layer</td>
</tr>
<tr>
<td>StoneRun™</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TimberLine®</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Products</td>
<td>MEDINTONE™</td>
<td>MEDINETECH®</td>
<td>MEDINETECH Tandem™ with Felt Backing</td>
</tr>
<tr>
<td>MEDLEY™</td>
<td></td>
<td></td>
<td>CONNECTION CORLON®</td>
</tr>
<tr>
<td>Performance Attributes</td>
<td>• Very abrasion resistant</td>
<td>• Best combination of gouge and abrasion resistance</td>
<td>• Gouge and abrasion resistant</td>
</tr>
<tr>
<td></td>
<td>• Superior for aseptic application when heat-welded</td>
<td>• Superior aseptic qualities when heat-welded</td>
<td>• Suitable for aseptic application when heat-welded</td>
</tr>
<tr>
<td></td>
<td>• Easy-to-maintain surface protected by UV coating</td>
<td>• Easy-to-maintain surface protected by UV coating</td>
<td>• Easy-to-maintain surface protected by UV coating</td>
</tr>
<tr>
<td></td>
<td>• Excellent static load resistant</td>
<td>• Excellent static load resistant</td>
<td>• Static load resistant</td>
</tr>
<tr>
<td>Gauge (nominal thickness)</td>
<td>0.080 in. (2.0 mm)</td>
<td>0.080 in. (2.0 mm)</td>
<td>0.080 in. (2.0 mm)</td>
</tr>
<tr>
<td>Wear Layer Thickness</td>
<td>0.022 in. (0.55 mm)</td>
<td>0.080 in. (2.0 mm)</td>
<td>MEDINETECH Tandem 0.060 in. (1.52 mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>POSSIBILITIES Peti Point 0.040 in. (1.00 mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CONNECTION CORLON 0.050 in. (1.27 mm)</td>
</tr>
<tr>
<td>Static Load Limit</td>
<td>750 PSI (52.73 kg/cm²)</td>
<td>750 PSI (52.73 kg/cm²)</td>
<td>500 PSI (35.16 kg/cm²)</td>
</tr>
<tr>
<td>Moisture Limit</td>
<td>5.0 lbs. ASTM F 1869, 90% RH per ASTM F 2170, 90% when using S-543, 90% when using Rpp Spray Adhesive</td>
<td>5.0 lbs. ASTM F 1869, 90% RH per ASTM F 2170, 90% when using S-543, 90% when using Rpp Spray Adhesive</td>
<td>5 lbs. per ASTM F 1869, 80% RH per ASTM F 2170 90% when using S-543</td>
</tr>
<tr>
<td>Seaming Options</td>
<td>• S-761 seam adhesive</td>
<td>• S-761 seam adhesive</td>
<td>• S-761 seam adhesive</td>
</tr>
<tr>
<td></td>
<td>• Solid weld rods</td>
<td>• Solid weld rods</td>
<td>• Solid weld rods</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Patterned weld rods (MEDINTONE, MEDINETECH)</td>
<td>• Patterned weld rods (MEDINETECH Tandem)</td>
</tr>
</tbody>
</table>

visit www.ArmstrongFlooring.com • call 1 888 ARMSTRONG
Comparative Data

<table>
<thead>
<tr>
<th>Products (1)</th>
<th>Overall Thickness (nominal) (1)</th>
<th>Wear Layer (nominal) (1)</th>
<th>Static Load Limit Per ASTM F 970 PSI (kg/cm²) (2)</th>
<th>International Specifications (3)</th>
<th>Fire Test Data (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>REJUVENATIONS™ Ambigu®</td>
<td>0.080 in. (2.0 mm)</td>
<td>0.022 in. (0.55 mm)</td>
<td>750 (52.73)</td>
<td>ASTM F 1303, Type I, Grade 1, Class A backing International Standard ISO 10582, Type I</td>
<td>Flooring Radiant Panel Critical Radiant Flux – 0.45 watts/cm² or more, Class I Smoke Chamber Specific Optical Smoke Density – 450 or less Flame Spread – 155 Smoke Developed – 470</td>
</tr>
<tr>
<td>StoneRun™ TimberLine®</td>
<td>S-543 High-Moisture, S-599 Full-Spread, S-240 in concentrated static and dynamic load areas, Flip® Spray Adhesive High-Moisture, Full-Spread or in concentrated static and dynamic load areas, S-599 in flash cove areas only</td>
<td>Recess scribe, heat weld or use S-761 Seam Adhesive. Heat weld only when S-240 or Flip® Spray Adhesive is used.</td>
<td>S-599 or S-543 or S-240 or S-580</td>
<td>5 for S-599 or S-543 8 for S-240 N/A for Flip®</td>
<td>93 when using Flip® or S-543 90 when using S-240 or S-580 85 when using S-599 80 when using S-580</td>
</tr>
</tbody>
</table>

1. Overall and wear layer thicknesses are nominal and subject to normal manufacturing variances.
2. Static Load Limit: <0.005 in. residual indentation
3. Reference Specifications: Armstrong Flooring products are manufactured to meet or exceed specification requirements.
4. All products meet the following Fire Test Data:
   a) ASTM E 648 Flooring Radiant Panel Critical Radiant Flux – 0.45 watts/cm² or more, Class I
   b) ASTM E 662 Smoke Chamber Specific Optical Smoke Density – 450 or less
   c) CAN / ULC S102.2

Numerical flammability ratings alone may not define product performance under actual fire conditions. These ratings are provided only for use in the selection of products to meet specified limits.

Adhesives

<table>
<thead>
<tr>
<th>Products</th>
<th>Adhesive Options</th>
<th>Seam Options</th>
<th>Moisture Limits</th>
<th>Adhesives</th>
<th>PH Readings</th>
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<tr>
<td>REJUVENATIONS™ Ambigu® StoneRun™ TimberLine®</td>
<td>S-543 High-Moisture, S-599 Full-Spread, S-240 in concentrated static and dynamic load areas, Flip® Spray Adhesive High-Moisture, Full-Spread or in concentrated static and dynamic load areas, S-599 in flash cove areas only</td>
<td>Recess scribe, heat weld or use S-761 Seam Adhesive. Heat weld only when S-240 or Flip® Spray Adhesive is used.</td>
<td>MVER Calcium Chloride Test (lbs./1000 sq. ft./24 hrs.)*</td>
<td>Certified Low Emitting – EQ4.3 for Indoor Air Quality</td>
<td>5 for S-599 or S-543 8 for S-240 N/A for Flip®</td>
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*Per ASTM F 1860
**Per ASTM F 2170

Maintenance Options

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<tr>
<td>REJUVENATIONS™ Ambigu® StoneRun™ TimberLine®</td>
<td>✓</td>
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Sustainability Facts

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<tr>
<td>Heterogeneous Flooring</td>
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<tr>
<td>Certified Low Emitting – EQ4.3 for Indoor Air Quality</td>
<td>✓</td>
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<tr>
<td>Adhesives</td>
<td>✓</td>
</tr>
<tr>
<td>Certified Low VOC Emitting – EQ4.1</td>
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<tr>
<td>FloorScore Certified to CA 01350</td>
<td>✓</td>
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<tr>
<td>Green Guide for Healthcare GGHC-EQ4.3</td>
<td>✓</td>
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<tr>
<td>Collaborative for High-Performance Schools CHIPS-EQ2.2 &amp; LABS-21 IEQ4.3</td>
<td>✓</td>
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<td>ISO 14001 Plant Certifications</td>
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<td>U.S. Green Building Council Member</td>
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<td>Canadian Green Building Council Member</td>
<td>✓</td>
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<tr>
<td>Low Maintenance Option with S-543 Adhesive</td>
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<tr>
<td>Corporate Facts</td>
<td>✓</td>
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<tr>
<td>Headquartered in USA</td>
<td>✓</td>
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<tr>
<td>International Locations</td>
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</tbody>
</table>

The knowledge and technical support you need to bring your vision to life.

Website
Online Chat: ArmstrongFlooring.com/commercial
Technical: floorexpert.com
Phone
1 888 armstrong (276 7876)
Choose Option 2 then:
Option 1 - Order samples and literature
Option 3, 3 - Talk to your Techline flooring expert
Option 8 - Contact your local Armstrong representative

Visit www.ArmstrongFlooring.com • Call 1 888 ARMSTRONG
### Recommended Applications

<table>
<thead>
<tr>
<th>Health Care/Hospital (a)</th>
<th>REJUVENATIONS® Ambigu™</th>
<th>StoneRun™</th>
<th>TimberLine®</th>
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<tbody>
<tr>
<td>Cafeteria, Dining Area (a)</td>
<td>H</td>
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<tr>
<td>Chapel</td>
<td>H</td>
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<tr>
<td>Corridors</td>
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<tr>
<td>Critical/Intensive Care</td>
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<tr>
<td>Dialysis (i)</td>
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<tr>
<td>Dry Physical Therapy</td>
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<td>Elevators</td>
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<td>Emergency Room Areas</td>
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<tr>
<td>Exam/Procedure Rooms</td>
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<tr>
<td>Gift Shop</td>
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<td>Labor Delivery Rooms</td>
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<td>Laboratories</td>
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<tr>
<td>Lobbies</td>
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<tr>
<td>Nurses Station</td>
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<tr>
<td>Office/Administrative/Conference Rooms</td>
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<tr>
<td>Operating Rooms (b)</td>
<td>R (h)</td>
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<tr>
<td>Patient Rooms</td>
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<td>Pharmacy</td>
<td>H</td>
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<tr>
<td>Scrub Areas (e)</td>
<td>R (i, k)</td>
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<tr>
<td>Stairways/Landings</td>
<td>R</td>
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<tr>
<td>Staff Lounge</td>
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<tr>
<td>Utility/Storage Room</td>
<td>R</td>
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<tr>
<td>Waiting Rooms</td>
<td>H</td>
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<tr>
<th>Assisted Living/Military Housing/Light Commercial</th>
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<tr>
<td>Activity Rooms/Common Areas</td>
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<tr>
<td>Beauty Salon/Barber Shop</td>
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<td>Corridors</td>
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<tr>
<td>Daycare Areas</td>
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<tr>
<td>Dining Areas</td>
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<tr>
<td>Doctor/Dental Office</td>
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<tr>
<td>Residence Bathrooms (i)</td>
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<tr>
<td>Residence Kitchens (e)</td>
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<tr>
<td>Residence Rooms/Barracks</td>
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<tr>
<th>Education</th>
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<tr>
<td>Auditoriums</td>
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<tr>
<td>Cafeteria, Dining Area (e)</td>
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<tr>
<td>Classrooms/Lecture Halls</td>
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<tr>
<td>Computer Rooms (b) (i)</td>
</tr>
<tr>
<td>Corridors</td>
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<tr>
<td>Dormitory Rooms</td>
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<tr>
<td>Food Service Area (e) (i)</td>
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<tr>
<td>Gymnasium</td>
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<tr>
<td>Laboratories</td>
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<tr>
<td>Lavatories</td>
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<tr>
<td>Library</td>
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<tr>
<td>Multipurpose Room/Cafeterias</td>
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<tr>
<td>Office/Administrative/Conference Rooms</td>
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<tr>
<td>Stairways/Landings</td>
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<tr>
<td>Teacher's Lounge</td>
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<tr>
<td>Utility/Storage Areas</td>
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<tr>
<th>Hospitality</th>
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<tr>
<td>Corridors</td>
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<td>Elevators</td>
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<tr>
<td>Lavatories</td>
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<tr>
<td>Lobby</td>
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<tr>
<td>Lunchrooms (e)</td>
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<tr>
<td>Offices/Conference Rooms</td>
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<tr>
<td>Stairways/Landings</td>
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<td>Utility/Storage Rooms</td>
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<tr>
<th>Light Industrial</th>
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<tr>
<td>Clean Rooms</td>
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<td>Environmental Controlling Unit</td>
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<td>Photo Processing</td>
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<td>Production Laboratory</td>
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<td>Research Laboratory</td>
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<td>Small Parts Assembly</td>
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<td>Sterile Packaging</td>
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<tr>
<th>Transportation</th>
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<tr>
<td>Museums/Cultural Centers</td>
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</table>

H = Highly Recommended
R = Recommended

The best flooring choice(s) for the space.
Flooring choice(s) that are suitable for the space.

The ratings of H or R are based on an evaluation of the performance, cost and aesthetic requirements of the space.

In addition to spaces listed on this chart:
- Armstrong floors may be used on stair steps, risers and landings. A manufactured slip-retardant nosing should always be applied on steps.
- Most Armstrong commercial sheet floors can be flash coved (integral cove). Most building codes consider flash coving in the same category as baseboard trim with respect to fire rating. Consult applicable codes for the particular project to determine the interpretation of allowable height for flash cove.
- Armstrong floors are not recommended for exterior use, for interior spaces where pointed spike golf or track shoes will be used, or in areas where the floor will be subjected to unusually concentrated static or dynamic loads.
- Armstrong floors should not be used as wall covering or wall surfacing.
- Slip Retardance – A more secure walking surface is required – Hydro Physical Therapy; Rainproof/Ramped Corridors (wet or dry), Locker Rooms (no spiles); Showers/Shower Rooms and Around Whirlpool Spas spaces are not recommended.
- Armstrong sheet flooring is not recommended for Vestibules/Entryways/Foyers; Indoor Mall Common, Warehouse; Airport/Railway/Bus Terminals and Civic/Convention Centers.

<table>
<thead>
<tr>
<th>NOTES:</th>
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<tr>
<td>• Numerical footnotes apply to the space requirements.</td>
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<tr>
<td>• Alpha footnotes apply to the product’s suitability for the space.</td>
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<tr>
<td>(i) Not recommended in areas that require electrostatic discharge control, including Hyperbaric Room; Computer Room; Computer Repair Lab; Electronic Testing Lab; Electronic Manufacturing.</td>
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<tr>
<td>(a) In most cases, veterinary applications are similar.</td>
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<tr>
<td>(b) Only operating rooms not requiring conductive flooring.</td>
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<tr>
<td>(e) Armstrong floors are not recommended for commercial kitchens and commercial food processing areas, including behind fast-food counters.</td>
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<tr>
<td>(g) Most Armstrong floors are not recommended for heavy industrial areas.</td>
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<tr>
<td>(f) Heat Weld recommended.</td>
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<tr>
<td>(i) No standing water; walk-off mats required.</td>
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<tr>
<td>(k) Heat Weld only.</td>
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**Visit [www.ArmstrongFlooring.com](http://www.ArmstrongFlooring.com) • call 1 888 ARMSTRONG**
REJUVENATIONS™ • Ambigu™ • StoneRun™ • TimberLine®

Specification Data

Material
A clear wear layer composed of polyvinyl chloride resin, plasticizers and stabilizers on a filled vinyl backing.

Construction and Colors
The layered construction consists of an easy-to-clean UV-cured flat-back coating, clear vinyl wear layer, printed layer, fiberglass enforced base layer on a polyester backing. The surface has an overall embossed texture. Color pigments are insoluble in water and resistant to cleaning agents and light.

Size
Sheet: 6 ft. x 83 in. (0.90 m) wide, up to 82 ft. (25 m) long

Gauge (nominal thickness)
Overall 0.080 in. (0.20 mm)

Wear Layer (nominal)
0.022 in. (0.55 mm)

Limitations
Timberline, StoneRun and Ambigu should not be used in the following areas:
- Heavy industrial and exterior areas.
- Commercial kitchens and commercial food processing areas.
- Where point aisles such as golf or track shoes will be used.
- Where the floor will be subjected to unusually concentrated static or dynamic loads.

NOTE: Concentrated static and dynamic loads such as hospital beds, roll-out bleachers, portable x-ray machines, etc., may visibly damage resilient as well as other types of floor coverings. For breast cancer regarding product suitability and detailed instructions for floor preparation and installation in these applications, please contact Armstrong.

Suitable for Application Over
- Concrete, terrazzo, and other dry, structurally sound masonry substrates, which are suspended, on grade, or below grade.
- Suspended wood subfloor with approved wood underlayments, and a minimum of 18 in. (45.72 cm) wood framing for spans above.
- Most metal floors and most existing single-layer resilient floors on approved underlayments.
- Both new and old substrates with a maximum surface temperature of 85°F (29°C).

Unsuitable for Application Over
- Substrates where excessive moisture or alkali is present.
- Steep-cambered wood subfloors, on grade or below grade.
- Lightweight aggregate concrete subfloors having a density of less than 90 lbs. per cu. ft. (1442 kg/m3) or cellular concrete having a (nominal) density less than 100 lbs. per cu. ft. (1620 kg/m3) [94 lbs. per cu. ft. (1506 kg/m3) dry weight], or concrete having a compressive strength of less than 3500 psi (24 MPa). Concrete slabs with heavy static and/or dynamic loads should have higher design strengths and densities calculated to accommodate such loads.
- Concrete curing agents, sealers, hardeners, or parting agents should not be used.

TECHNICAL DATA
Shipping Weight
6.0 lbs./sq. yd. (3.3 kg/m2)

Gloss (typical value)
60 degrees specular: approximately 3-5

Reference Specifications
ASTM F 1503, Grade 1, Class A backing

ASTM E 575

NOTE: Floors should be protected from sharp-point loads and be free from static loads of less than 2000 psi (13.8 kg/cm2) [1000 psi (70.3 kg/cm2) in new construction] or more; they may visibly damage wood, resilient and other floor coverings.

Comparative Subjective Property Ratings
Durable—Very Good
Maintainability—Excellent
Resilience—Excellent

Subjective ratings are objective, very good, good, fair and are in relation to other Armstrong commercial resilient floors. Ratings are not directly related to any one test. They are broadly based on tests and experience of Armstrong Research and Development under varying conditions and circumstances.

These ratings should not be used for comparison to ratings used by other manufacturers to rank their own products.

Fire Test Data
ASTM E 486 Flooding Radiant Panel Critical Radiant Flux — 0.45 watts/cm2 or more — Class I
ASTM E 682 Smoked Plate Optical Smoke Density — 450 or less

Numerical flame ratings alone may not define the performance of the product under actual fire conditions. These ratings are provided for the use in the selection of products to meet the specified limits.

INSTALLATION
Job Conditions
Substrates/underlayment shall be dry, clean and smooth. They shall be free from paint, varnish, solvents, wax, oil, existing adhesive residue or other foreign matter.

For more detailed requirements of concrete, wood and metal subfloors, as well as wood and trowelable underlayments, refer to Armstrong Heterogeneous Installation/Maintenance Tip Sheet, F-8511, or armstrong.com. Moisture testing must be performed before installation of concrete slabs regardless of their age or grade level including areas where resilient flooring has already been installed. moisture vapor Emission Rate (mVER) and percent relative humidity tests must be conducted.

When using S-580 adhesive, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 80% RH per ASTM F 2170.

When using S-240 adhesive, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 90% RH per ASTM F 2170.

When using S-599 adhesive, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 85% RH per ASTM F 2170.

When using S-543 adhesive, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 90% RH per ASTM F 2170.

When using S-443 adhesive, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 85% RH per ASTM F 2170.

When using Flipo Adhesive Spray Adhesive, moisture test results shall not exceed 93% RH per ASTM F 2170.

Bond tests should also be conducted for compatibility with the substrate. When testing for alkalinity, the allowable readings for the installation of Armstrong flooring are 5 to 9 on the pH scale for S-499, S-240 or S-543, and 5 to 11 for Flipo or S-543.

Temperature shall be maintained at a minimum of 65°F (18°C) and a maximum of 100°F (38°C) for 48 hours prior to installation, during installation and 48 hours after completion when using S-599 Adhesive. When using S-240 epoxy Adhesive, the temperature shall be maintained at a minimum of 65°F (18°C) and a maximum of 85°F (29°C) for 48 hours prior to and during installation and 48 hours after completion. A minimum temperature of 50°F (10°C) shall be maintained thereafter. Condition all flooring materials and/or existing resilient floor coverings to be installed at 65°F (18°C) and a maximum of 100°F (38°C) for 48 hours prior to starting installation. Protect all materials from the direct flow of heat from hot-air registers, radiation, or other heating fixtures and appliances.

Procedure
These products should be installed using Armstrong S-599 or S-543 Adhesive in the field area and S-580 Adhesive in flash cove areas. Seams must be heat welded, adhered with S-761 seam adhesive.

NOTE: When installed in areas subjected to heavy static and dynamic loads, use Armstrong S-240 Epoxy Adhesive or Flipo Adhesive Spray in the field area and S-580 Adhesive in flash cove areas. Seams must be heat welded. Detailed instructions may be found in the Armstrong Heterogeneous Installation/ Maintenance Tip Sheet, F-4511 or armstrong.com.

MAINTENANCE
REJUVENATIONS is designed to be maintained with a No Polish® Buff maintenance system or by traditional resilient flooring maintenance methods, which include the use of polishes, spray-buffing techniques and appropriate high-speed maintenance systems...

Initial Maintenance Immediately After Installation
- Sweep or vacuum thoroughly.
- Damp mop with a very dilute neutral detergent solution such as Armstrong S-499 FloordoorSport (overt wash the floor for at least four or five days after installation. Black marks and dirty spots can be scratched by brush chemical more abrasive than a 3M blue or green pad equal).

Preparation for Commercial Use
For specific and ongoing maintenance procedures and options see Armstrong Heterogeneous Installation/Maintenance Tip Sheet, F-4511 or armstrong.com.

WARRANTIES
Armstrong warrants its original (first quality) commercial resilient floors and wall base to be free from manufacturing defects for five years from the date of purchase. Armstrong also warrants the installation integrity of its commercial floor for five years from the date of purchase. If installed according to the Armstrong REJUVENATIONS Installation/Maintenance Tip Sheet, F-4511 or armstrong.com. This warranty extends only to the original end user. See Armstrong Commercial Floor Warranty, F-3349 or visit armstrong.com for warranty details, limitations and exclusions.

WARNING: EXISTING IN-PLACE RESILIENT FLOOR COVERINGS AND ACRYLIC ADHESIVES. DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEADLAST, OR MECHANICALLY CHIP OR PULL UP ANY EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC “OUTBACK” ADHESIVE, OR OTHER ADHESIVE. 

The existing-in-place products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the existing-in-place product is not a asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication Recommended Work Practices for the Removal of Resilient Floor Coverings for instructions on removing all resilient floor covering substrates or contact your retailer or Armstrong World Industries, Inc. 1 800 233 2833.

The floor covering or adhesive in this package does NOT contain asbestos.

The knowledge and technical support you need to bring your vision to life.

Website
Online Chat: ArmstrongFlooring.com/commercial
Technical Support: 1 888 armstrong (276786)
Phone: 1 888 armstrong (276786)

Choose Option 2 for:
Option 1 - Order samples and literature
Option 3 - Take a virtual tour
Option 4 - Request a quote
Option 8 - Contact your local Armstrong representative

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