INSTALLATION PRODUCTS

Weld Rods | Vinyl and Rubber Wall Base | Transition Strips | Stair Treads, Rubber Tiles, Risers
Installation Accessories

Nothing completes a space like the little details. Armstrong Flooring offers all of the accessories you need to add the finishing touch to your project.

Rubber and Vinyl Wall Base

Available in 53 colors, our wall base can be color coordinated with dozens of Armstrong® flooring products.
- Our vinyl and rubber wall base products are available in a range of lengths, profiles and external corners.
- Extremely flexible for easy installation.
- Custom colors available. Minimum ordering upcharges and extended delivery time may apply.

Stair Treads, Rubber Tiles, Risers

Stairways and landings deserve the same attention to detail; eight easy to coordinate colors help achieve a consistent look with the safety features needed to prevent mishaps.
- Stair Treads provide a smooth and safe transition between steps and landings.
- Landing Tiles are durable and comfortable under foot. Available with gently raised disks or squares, the slip resistant surface resists scuffing, gouging and cigarette burns.
- Stair Treads for the visually impaired are available.

Weld Rods

Whether you are using them for aseptic reasons or as a design element, our large selection of coordinating weld rods makes finishing your sheet installation easy.
- Heat weld seams with weld rods for spaces demanding superior infection control.
- Patterned and solid weld rods are available to coordinate across our commercial sheet collections.
- Add a contrasting weld rod for a pop of color.
Stair Treads, Rubber Tiles, Risers

Treads are available with slightly raised discs or squares.

PRODUCT OFFERINGS

<table>
<thead>
<tr>
<th>Product</th>
<th>Visual Size</th>
<th>Square Foot/Liner Foot per Carton</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stair Treads</td>
<td>Circle 13 in. x 48 in. (330.2 mm x 1219.2 mm)</td>
<td>20 lin. ft. 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Circle 13 in. x 72 in. (330.2 mm x 1828.8 mm)</td>
<td>30 lin. ft.</td>
<td></td>
</tr>
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<td>Square 13 in. x 72 in. (330.2 mm x 1828.8 mm)</td>
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<td></td>
</tr>
<tr>
<td>Rubber Tiles</td>
<td>Circle 18-1/8 in. x 18-1/8 in. (460.38 mm x 460.38 mm)</td>
<td>45.6 sq. ft. 20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Square 18-1/8 in. x 18-1/8 in. (460.38 mm x 460.38 mm)</td>
<td>45.6 sq. ft. 20</td>
<td></td>
</tr>
<tr>
<td>Risers</td>
<td>Flat 7 in. x 48 in. (177.8 mm x 1219.2 mm)</td>
<td>80 lin. ft. 20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Flat 7 in. x 72 in. (177.8 mm x 1828.8 mm)</td>
<td>120 lin. ft.</td>
<td></td>
</tr>
</tbody>
</table>

COMMERCIAL STAIR TREADS

Raised Circles with Visually-Impaired Strip

A: 0.150"; B: 0.130"; C: 0.105"; D: 0.100"; E: 0.080"

Raised Squares with Visually-Impaired Strip

A: 0.150"; B: 0.130"; C: 0.105"; D: 0.100"; E: 0.080"

Transition Strips

PRODUCT OFFERINGS

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<tr>
<td>Vinyl Transition Strips</td>
<td>VT0: 1/8 in. to 1/8 in. Tile Reducer 1-5/8 in. cap, 35 ft. length</td>
<td>20 pieces/carton, 12 ft. length</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VT1: 1/8 in. to 1/4 in. Material to Floor Reducer 1-5/8 in. cap, 30 pieces/carton, 12 ft. length</td>
<td>20 pieces/carton, 12 ft. length</td>
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<tr>
<td></td>
<td>VT3: 1/8 in. Snap Down Carpet to Tile Joiner 1-5/8 in. cap, 20 pieces/carton, 12 ft. length</td>
<td>20 pieces/carton, 12 ft. length</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VT5: 1/8 in. VCT to Nothing Reducer 1 in. cap, 50 pieces/carton, 3 ft. length</td>
<td>50 pieces/carton, 3 ft. length</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VT6: 1/4 in. Snap Down Material to Lesser Gauge Joint 1-1/2 in. cap, 20 pieces/carton, 12 ft. length</td>
<td>20 pieces/carton, 12 ft. length</td>
<td></td>
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<tr>
<td></td>
<td>VT7: 1/4 in. Snap Down 5/16 in. Material to Joiner 1-5/8 in. cap, 20 pieces/carton, 12 ft. length</td>
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<tr>
<td></td>
<td>VT8: 1/4 in. VCT to Vinyl Reducer 1 in. cap, 25 pieces/carton, 12 ft. length</td>
<td>25 pieces/carton, 12 ft. length</td>
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</tr>
<tr>
<td></td>
<td>VT9: Single Vinyl Range Track for Snap Down Edging (accompanies VT3, VT6, VT7) 20 pieces/carton, 12 ft. length</td>
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TRANSITION STRIP PROFILES

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LUXURY FLOORING CARPET TRANSITION STRIP

• Ideal for transitioning from LVT to carpet in commercial applications
• Can also be used with Rejuvenations® Restore™
• 144 in. (12 ft.) length
• Made in the USA
Weld Rods

Non-Aseptic Spaces: reduce installation materials and labor costs with the S-761 Seaming System. This creates a continuous look and is a great solution for designs with small intricate patterns.

Aseptic Spaces: heat weld seams with Weld Rods for spaces demanding superior infection control.

Weld Rods: Patterned and Solid Weld Rods — these two Weld Rod options will help you achieve your design visuals by accenting or camouflaging seams. Patterned weld rods are color matched to our flooring selections and add design dimension to any installation.

Rejuvenations™ "Ambigu" with Diamond 10™ Technology Coating

<table>
<thead>
<tr>
<th>SOLID WELD ROD (144 lin. ft./spool)</th>
<th>FLOOR PATTERN</th>
</tr>
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<tbody>
<tr>
<td>W5320 mahogany</td>
<td>38071, 38052, 38051</td>
</tr>
<tr>
<td>W5321 maple</td>
<td>38061</td>
</tr>
<tr>
<td>W5322 red oak</td>
<td>38080</td>
</tr>
<tr>
<td>W5323 walnut</td>
<td>38090, 38092, 38093</td>
</tr>
<tr>
<td>W5324 black oak</td>
<td>38091</td>
</tr>
<tr>
<td>W5325 pewter</td>
<td>38092</td>
</tr>
<tr>
<td>W5326 oak</td>
<td>38093</td>
</tr>
<tr>
<td>W5327 brownstone</td>
<td>38094</td>
</tr>
<tr>
<td>W5328 chestnut</td>
<td>38095</td>
</tr>
<tr>
<td>W5329 mahogany</td>
<td>38096</td>
</tr>
<tr>
<td>W5330 pecan</td>
<td>38097</td>
</tr>
<tr>
<td>W5331 tiger eye</td>
<td>38098</td>
</tr>
<tr>
<td>W5332 red oak</td>
<td>38099</td>
</tr>
<tr>
<td>W5333 rosewood</td>
<td>38100</td>
</tr>
<tr>
<td>W5334 black oak</td>
<td>38101</td>
</tr>
<tr>
<td>W5335 plum</td>
<td>38102</td>
</tr>
<tr>
<td>W5336 brownstone</td>
<td>38103</td>
</tr>
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</table>

Installation Products

**LVT Adhesives**

**S-1000 Flooring Adhesive**
- High moisture guarantee up to 100% RH
- Simple one-step system (modified urethane)
- Fast-curing formula with strong, early grab
- Open time: 10-20 minutes
- Working time: Up to 60 minutes
- Spread rate: 250-300 sq. ft./gal.
- 100% RH
- 5-10 psi

**S-980 Flooring Adhesive**
- High moisture guarantee up to 90% RH
- Double a strong, permanent bond
- Open time: 30-60 minutes
- Working time: Up to 60 minutes
- Spread rate: 150-180 sq. ft./gal.
- 95% RH
- 5-10 psi

**S-310 Roll Strong® Adhesive**
- One coat, rolled on application
- Normal traffic and rolling loads are allowed on the floor immediately after installation
- Suitable for heavy rolling load traffic
- Solvent free
- Open time: 15-30 minutes
- Working time: Up to 4 hours
- Spread rate: 350-400 sq. ft./gal.
- 29% RH
- 11 psi

**Multi-Function Adhesives**

**S-289 Reusable & Permanent Flooring Adhesive**
- Easy to replace the floor once installed
- Allows for easy repairs on fiberglass and vinyl back floors
- Open time: 45-60 minutes (reusable), 10-20 minutes (permanent, sheet only)
- Working time: 15-30 minutes (reusable), 10-20 minutes (permanent, sheet only)
- Spread rate: 250-300 sq. ft./gal. (reusable, sheet only), 250-300 sq. ft./gal. (permanent, sheet only), Trowel: fast rate
- Sheet: Reusable or permanent: LVT: Reusable only
- 30% RH
- 2 psi
- 5 lbs. MSI

**Grout for Engineered Tile**

**S-693 FlexStrong® Premixed Sanded Acrylic Grout**
- For use with Armstrong Flooring Engineered Tile
- Ready for grouting in 24 hours
- Flexibility — eliminates cracking with slight movements in the floor
- 12 colors
- Open time: Approximately 3-5 minutes
- Working time: Up to 10 minutes (working times may vary based on substrate conditions, substrate, temperature and humidity)
- Spread rate: 5 sq. ft./lb., 1/4” square tile with 1/8” grout, 325 sq. ft./lb., 1/8” square tile with 1/8” grout
- 50% RH
- 5 psi
- 5 lbs. MSI

**S-599 ChloStrong® Adhesive**
- Strong bond and shear strength
- Can be used on all flexible face back sheet
- Open time: 10-20 minutes over porous, 30+ minutes over non-porous
- Working time: Up to 60 minutes
- Spread rate: Residential LVT, commercial sheet 250-300 sq. ft./gal. Trowel: fast rate
- 50% RH
- 2 psi
- 5 lbs. MSI

**Multi-Function Adhesives**

**S-588 Flooring Adhesive**
- Creates a strong permanent bond to your floor
- Easy to trowel
- Open time: 15-20 minutes over porous, 30+ minutes over non-porous
- Working time: Up to 60 minutes
- Spread rate: 225-275 sq. ft./gal.
- Trowel: fine notch and back roll
- 50% RH
- 5-11 psi
- 5 lbs. MSI for Sheet
- 5 lbs. MSI for LVT

**Grout for Engineered Tile**

**S-643 Commercial Sheet Flooring & LVT Premium Plus Adhesive**
- High moisture guarantee
- Double a strong, permanent bond
- Open time: 15-20 minutes over porous, 30+ minutes over non-porous
- Working time: 8 hours after dry-to-touch
- Spread rate: 255-275 sq. ft./gal.
- Trowel: fine notch and back roll
- 50% RH
- 5-11 psi
- 5 lbs. MSI for Sheet
- 5 lbs. MSI for LVT

**S-310 Roll Strong® Adhesive**
- One coat, rolled on application
- Normal traffic and rolling loads are allowed on the floor immediately after installation
- Suitable for heavy rolling load traffic
- Solvent free
- Open time: 15-30 minutes
- Working time: Up to 4 hours
- Spread rate: 350-400 sq. ft./gal.
- 29% RH
- 11 psi

**Multi-Function Adhesives**

**S-289 Reusable & Permanent Flooring Adhesive**
- Easy to replace the floor once installed
- Allows for easy repairs on fiberglass and vinyl back floors
- Open time: 45-60 minutes (reusable), 10-20 minutes (permanent, sheet only)
- Working time: 15-30 minutes (reusable), 10-20 minutes (permanent, sheet only)
- Spread rate: 250-300 sq. ft./gal. (reusable, sheet only), 250-300 sq. ft./gal. (permanent, sheet only), Trowel: fast rate
- Sheet: Reusable or permanent: LVT: Reusable only
- 30% RH
- 2 psi
- 5 lbs. MSI

**Grout for Engineered Tile**

**S-693 FlexStrong® Premixed Sanded Acrylic Grout**
- For use with Armstrong Flooring Engineered Tile
- Ready for grouting in 24 hours
- Flexibility — eliminates cracking with slight movements in the floor
- 12 colors
- Open time: Approximately 3-5 minutes
- Working time: Up to 10 minutes (working times may vary based on substrate conditions, substrate, temperature and humidity)
- Spread rate: 5 sq. ft./lb., 1/4” square tile with 1/8” grout, 325 sq. ft./lb., 1/8” square tile with 1/8” grout
- 50% RH
- 5 psi
- 5 lbs. MSI
Installation Products

### Vinyl Sheet Adhesive

- **S-235 Sheet Flooring — Premium Adhesive (Full)**
  - Short open time: Fast initial grab
  - Workable over a wide range of subfloors; Commercial grade
  - Open time: 30 minutes over non-porous
  - Working time: 45 minutes
  - 5% RH
  - 9 hours
  - 3.0 lbs. /GAL

- **S-245 Sheet Flooring — Residential Adhesive (Full)**
  - Short open time: Fast initial grab
  - Workable over a wide range of subfloors; Commercial grade
  - Open time: 30 minutes over non-porous
  - Working time: 45 minutes
  - 5% RH
  - 9 hours
  - 3.0 lbs. /GAL

### Speciality Products

- **S-500 Seam Coating Kit — For Armstrong Porous Seams**
  - For use with Commercial sheet, Safety Zone
  - 7 lbs. MVER
  - 5–9 pH
  - 90% RH
  - Open time: 6 hours
  - Working time: 5 hours
  - Spread rate: 300–350 sq. ft. /half gal.
  - 5% RH
  - 8 lbs. /GAL

- **S-540 Flash Cove Adhesive**
  - For use with Armstrong Porous Sheet Seams
  - 8 oz. Bottle
  - 5 lbs. MVER
  - 80% RH
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 375–400 sq. ft. /gal.
  - 5% RH
  - 8 lbs. /GAL

### Wall Base Adhesive

- **S-762 Wall Bonding Adhesive**
  - For use with Armstrong Porous Sheet Seams
  - 8 oz. Bottle
  - 5 lbs. MVER
  - 80% RH
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 300–350 sq. ft. /half gal.
  - 5% RH
  - 8 lbs. /GAL

### Specialty Products

- **S-761 Seam Adhesive for Sheet Floors**
  - Quick and easy seaming method for vinyl sheet and vinyl asbestos sheet floors
  - Excellent seam integrity
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 144 in. /14 oz. bottle (with 1/8˝ bead)

### Adhesives

- **S-235 BBT Bio-Flooring Adhesive — Clear Thin Spread**
  - For use with Armstrong Porous Sheet Seams
  - 5 lbs. MVER
  - 5–9 pH
  - 80% RH
  - Open time: 3 hours
  - Working time: Unlimited
  - Spread rate: 200–250 sq. ft./half gal.
  - 5% RH
  - 8 lbs. /GAL

### Installation Products

- **Vinyl Sheet Adhesive**
  - 8 oz. Bottle
  - 5 lbs. MVER
  - 80% RH
  - Open time: None
  - Working time: 3 hours
  - Spread rate: 350–400 sq. ft. /gal.
  - 5% RH
  - 8 lbs. /GAL

### VCT Adhesives

- **S-515 Tile Strong Adhesive — Clear Thin Spread**
  - High moisture adhesive
  - Can also be used over lightweight adhesive residue
  - Dries clear—see-though chalk lines
  - Open time: 30 minutes or until dry-to-touch
  - Working time: 24 hours
  - Sprayed rate: 890–935 sq. ft. /gal. (Trowel: Fine scrub)
  - 5% RH
  - 5 hours
  - 7 lbs. /GAL

- **S-700 High Moisture Adhesive for Rubber Tile**
  - For installation of rubber tile
  - Sustainability certified
  - Open time: None
  - Working time: Up to 25 minutes
  - Spread rate: Rubber Tile: 220–280 sq. ft. /gal (with 3/32˝ bead)
  - 5% RH
  - 9 hours
  - 3 lbs. /GAL

### Wall Base Adhesive

- **S-725 Wall Bonding Adhesive**
  - For use with Armstrong Porous Sheet Seams
  - 16 oz. Bottle
  - 5 lbs. MVER
  - 80% RH
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 300–350 sq. ft. /half gal.
  - 5% RH
  - 8 lbs. /GAL

### Specialty Products

- **S-761 Seam Adhesive for Sheet Floors**
  - Quick and easy seaming method for vinyl sheet and vinyl asbestos sheet floors
  - Excellent seam integrity
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 144 in. /14 oz. bottle (with 1/8˝ bead)

### Specialty Products

- **S-762 Wall Bonding Adhesive**
  - For use with Armstrong Porous Sheet Seams
  - 8 oz. Bottle
  - 5 lbs. MVER
  - 80% RH
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 300–350 sq. ft. /half gal.
  - 5% RH
  - 8 lbs. /GAL

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- **S-761 Seam Adhesive for Sheet Floors**
  - Quick and easy seaming method for vinyl sheet and vinyl asbestos sheet floors
  - Excellent seam integrity
  - Open time: None
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### Specialty Products

- **S-762 Wall Bonding Adhesive**
  - For use with Armstrong Porous Sheet Seams
  - 8 oz. Bottle
  - 5 lbs. MVER
  - 80% RH
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 300–350 sq. ft. /half gal.
  - 5% RH
  - 8 lbs. /GAL

### Specialty Products

- **S-761 Seam Adhesive for Sheet Floors**
  - Quick and easy seaming method for vinyl sheet and vinyl asbestos sheet floors
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### Specialty Products

- **S-762 Wall Bonding Adhesive**
  - For use with Armstrong Porous Sheet Seams
  - 8 oz. Bottle
  - 5 lbs. MVER
  - 80% RH
  - Open time: None
  - Working time: 15 minutes
  - Spread rate: 300–350 sq. ft. /half gal.
  - 5% RH
  - 8 lbs. /GAL
Installation Products

Floor Preparation

S-452 Seal Strong™
- A two part moisture mitigation system designed to create a moisture barrier between concrete and resilient flooring
- For use up to 100% RH or 25 lbs CaCl
- Moisture retardant, non-toxic, no VOCs
- Low odor, no caustic

S-453 Level Strong
- A self-sloping underlayment designed to work quickly
- High compressive strength of 5000 psi
- Installs up to 1” thick without aggregate
- Ready for traffic in approximately 2 hours
- No RH limit for use over concrete

S-454 Prime Strong
- Acrylic primer for non-porous substrates
- Suitable for use over S-452 Seal Strong, existing resilient sheath and tile
- Fast drying; ready for installation in as few as 60 minutes
- Approved for use with all Armstrong Flooring resilient adhesives
- Zero VOC

S-455 Level Strong
- A moisture mitigation system designed to create a moisture barrier between concrete and resilient flooring
- For use up to 100% RH or 25 lbs CaCl
- Zero VOC

S-456 Patch Strong™
- High performance patching and smoothing compound with quick drying time
- Easy to apply with smooth trowel application
- Approved for use over S-452 Seal Strong after application of S-453 Level Strong non-porous zero VOC

S-457 Level Strong
- A self-sloping underlayment designed to work quickly
- High compressive strength of 5000 psi
- Installs up to 1” thick without aggregate
- Ready for traffic in approximately 2 hours
- No RH limit for use over concrete

S-458 Prime Strong
- Acrylic primer for non-porous substrates
- Suitable for use over S-452 Seal Strong, existing resilient sheath and tile
- Fast drying; ready for installation in as few as 60 minutes
- Approved for use with all Armstrong Flooring resilient adhesives
- Zero VOC

S-459 Level Strong
- A self-sloping underlayment designed to work quickly
- High compressive strength of 5000 psi
- Installs up to 1” thick without aggregate
- Ready for traffic in approximately 2 hours
- No RH limit for use over concrete

S-460 Patch Strong™
- High performance patching and smoothing compound with quick drying time
- Easy to apply with smooth trowel application
- Approved for use over S-452 Seal Strong after application of S-453 Level Strong non-porous zero VOC

S-461 Prime Strong
- Acrylic primer for non-porous substrates
- Suitable for use over S-452 Seal Strong, existing resilient sheath and tile
- Fast drying; ready for installation in as few as 60 minutes
- Approved for use with all Armstrong Flooring resilient adhesives
- Zero VOC

S-462 Seal Strong™
- A two part moisture mitigation system designed to create a moisture barrier between concrete and resilient flooring
- Suitable for use up to 100% RH or 25 lbs CaCl
- Moisture retardant, non-toxic, no VOCs
- Low odor, no caustic

S-463 Level Strong
- A self-sloping underlayment designed to work quickly
- High compressive strength of 5000 psi
- Installs up to 1” thick without aggregate
- Ready for traffic in approximately 2 hours
- No RH limit for use over concrete

S-464 Prime Strong
- Acrylic primer for non-porous substrates
- Suitable for use over S-452 Seal Strong, existing resilient sheath and tile
- Fast drying; ready for installation in as few as 60 minutes
- Approved for use with all Armstrong Flooring resilient adhesives
- Zero VOC

S-465 Level Strong
- A self-sloping underlayment designed to work quickly
- High compressive strength of 5000 psi
- Installs up to 1” thick without aggregate
- Ready for traffic in approximately 2 hours
- No RH limit for use over concrete

S-466 Patch Strong™
- High performance patching and smoothing compound with quick drying time
- Easy to apply with smooth trowel application
- Approved for use over S-452 Seal Strong after application of S-453 Level Strong non-porous zero VOC

S-467 Prime Strong
- Acrylic primer for non-porous substrates
- Suitable for use over S-452 Seal Strong, existing resilient sheath and tile
- Fast drying; ready for installation in as few as 60 minutes
- Approved for use with all Armstrong Flooring resilient adhesives
- Zero VOC

Installation Products

Floor Preparation

S-184 Fast Setting Patch & Skim Coat
- Patch, skim coat and level ceramic tile, quarry tile, marble and terrazzo resilient metal terrazzo strips and concrete on any grade level
- Covers existing asphalt cutback adhesive over concrete
- Patch and repair small voids, and skim coat wood underlayments; may be used for overall leveling of approved gypsum and wood underlayments
- Patches up to 1/2”, compressive strength 4500 psi

S-185 Latex Primer
- Improves adhesion of patching and adhesives
- Fast drying, ready for adhesive in 60 minutes
- Primer used with Armstrong® patches, underlayments and latex-based adhesives
- Can be used on all grade levels of concrete, poured in place gypsum underlayments, approved wood underlayments, ceramic tile, quarry tile, terrazzo and marble
- Primer for wood and concrete with self-adhesive tile
- Spread rate: About 400 sq. ft./gal., brush or roller

S-1865 QuickComfort™ Luxury Flooring/Underlayment
- Designed for use with Alterna® Engineered Tile and LVT products
- Excellent acoustical barrier for through-the-floor and in-room footfall noise reduction
- Cross-linked polypropylene provides moisture barrier which resists mold and mildew
- Weight: 6 lbs./roll
- STC/RC: 62/64

S-1850 Quiet Comfort® Floating Underlayment
- Turn any engineered wood, Alterna® Engineered Tile or LVT installation into a floating floor
- No concrete moisture testing required, no RH limit
- Lane slip underlayment over outflows without adhesive in residential applications
- Reduces subfloor prep and simplifies installation
- Weight: 21 lbs./roll
- STC/RC: 56/57—“Tiled over 6” concrete with suspended ceiling with Engineered Tile.

S-1860 Quiet Comfort® Luxury Flooring/Underlayment
- Turn any engineered wood, Alterna® Engineered Tile or LVT installation into a floating floor
- No concrete moisture testing required, no RH limit
- Lane slip underlayment over outflows without adhesive in residential applications
- Reduces subfloor prep and simplifies installation
- Weight: 21 lbs./roll
- STC/RC: 56/57—“Tiled over 6” concrete with suspended ceiling with Engineered Tile.

S-1851 Quiet Comfort® Luxury Flooring/Underlayment
- Turn any engineered wood, Alterna® Engineered Tile or LVT installation into a floating floor
- No concrete moisture testing required, no RH limit
- Lane slip underlayment over outflows without adhesive in residential applications
- Reduces subfloor prep and simplifies installation
- Weight: 21 lbs./roll
- STC/RC: 56/57—“Tiled over 6” concrete with suspended ceiling with Engineered Tile.

S-1852 Quiet Comfort® Luxury Flooring/Underlayment
- Turn any engineered wood, Alterna® Engineered Tile or LVT installation into a floating floor
- No concrete moisture testing required, no RH limit
- Lane slip underlayment over outflows without adhesive in residential applications
- Reduces subfloor prep and simplifies installation
- Weight: 21 lbs./roll
- STC/RC: 56/57—“Tiled over 6” concrete with suspended ceiling with Engineered Tile.

S-1853 Quiet Comfort® Luxury Flooring/Underlayment
- Turn any engineered wood, Alterna® Engineered Tile or LVT installation into a floating floor
- No concrete moisture testing required, no RH limit
- Lane slip underlayment over outflows without adhesive in residential applications
- Reduces subfloor prep and simplifies installation
- Weight: 21 lbs./roll
- STC/RC: 56/57—“Tiled over 6” concrete with suspended ceiling with Engineered Tile.

S-1854 Quiet Comfort® Luxury Flooring/Underlayment
- Turn any engineered wood, Alterna® Engineered Tile or LVT installation into a floating floor
- No concrete moisture testing required, no RH limit
- Lane slip underlayment over outflows without adhesive in residential applications
- Reduces subfloor prep and simplifies installation
- Weight: 21 lbs./roll
- STC/RC: 56/57—“Tiled over 6” concrete with suspended ceiling with Engineered Tile.

Installation Tools

S-33 Edge Trimmer and S-32 Edge Trimmer Blades
- Designed to trim the factory edge of non-patterned Armstrong® sheet flooring quickly, easily, and accurately; Sides on this tool do not have to be filed for cutting
- Blade sets for faster replacement: 1 box S-32 Edge Trimmer Blades

S-32 Edge Trimmer and S-32 Edge Trimmer Blades
- Designed to trim the factory edge of non-patterned Armstrong® sheet flooring quickly, easily, and accurately; Sides on this tool do not have to be filed for cutting
- Blade sets for faster replacement: 1 box S-32 Edge Trimmer Blades

Trimmer Blades
- S-991 Notched Steel Trowel
- Notches on both sides
- Regular Notch: 1/16” deep, 1/16” wide, 35/32” apart
- Fine Notch: 1/32” deep, 1/16” wide, 5/32” apart
- Front edge is angled to provide easy spreading along walls and furniture
- Size: 11” in length

Trimmer Blades
- S-992 Replaceable Blade Trowel Handle
- Trowel includes one regular notched blade, (S-991), and one fine notched blade, (S-994)
- Makes it easy to use the correct notching by simply attaching a noterblade
- Blade also available separately
- Size: 11” in length

Trimmer Blades
- S-153 Scribing Felt
- Gray cellulosic and synthetic fiber felt that zips cleanly with knife or scissors
- Does not readily break or stretch, and clearly shows all scribe marks
- Lightweight and packed in rolls
- 3/32” apart

Trimmer Blades
- S-891 Notched Steel Trowel
- Notches on both sides
- Regular Notch: 1/16” deep, 1/16” wide, 35/32” apart
- Fine Notch: 1/32” deep, 1/16” wide, 5/32” apart
- Front edge is angled to provide easy spreading along walls and furniture
- Size: 11” in length

Trimmer Blades
- S-892 Replaceable Blade Trowel Handle
- Trowel includes one regular notched blade, (S-991), and one fine notched blade, (S-994)
- Makes it easy to use the correct notching by simply attaching a noterblade
- Blade also available separately
- Size: 11” in length

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Moisture Testing

Moisture testing is an essential part of determining the suitability of a concrete slab to receive a resilient floor covering. Moisture testing must be performed on all concrete slabs, regardless of their age or grade level, including areas where resilient flooring has already been installed. Moisture testing should be conducted with the area or building at service conditions, (i.e., fully enclosed, weather-tight, and with the permanent or temporary HVAC in operation). In general, moisture testing should be conducted on concrete surfaces that exhibit the final prepared stage before the installation of the flooring material and before installation of smoothing or leveling compounds.

Armstrong Flooring recommends the following test methods:

a. Percent Relative Humidity (RH) in Concrete Slabs - Preferred Method

b. Moisture Vapor Emission Rate (MVER) Test
   MVER tests must be conducted in accordance with the current edition of ASTM F1869 Standard Test Method for Measuring Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. When performing these tests, it is important to remove any curing agents or residues down to the bare concrete. The calcium chloride tests are to be performed only on ordinary concrete floors and are not applicable on lightweight concrete, smoothing or leveling compounds, gypsum underlayments, or other fills.

Following are the Armstrong Flooring maximum allowable moisture and pH limits.

<table>
<thead>
<tr>
<th>Armstrong Flooring Maximum Allowable Moisture and pH Limits</th>
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<tbody>
<tr>
<td><strong>Commercial Resilient Products</strong></td>
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<tr>
<td><strong>Adhesive</strong></td>
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<tr>
<td>Medintone® , Medintech® with Diamond 10® Technology Coating, Accolade Plus®</td>
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<tr>
<td>S-543</td>
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<tr>
<td>S-240 Epoxy</td>
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<td>Flip Spray Adhesive</td>
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<td>Rejuvenations® with Diamond 10® Technology Coating (TimberLine®, StoneRun®, Ambigu®)</td>
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<td>S-543</td>
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<tr>
<td>S-240 Epoxy</td>
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<tr>
<td>Flip Spray Adhesive</td>
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<tr>
<td>Alaco®</td>
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<td>S-289</td>
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<td>Vinyl Composition Tile (VCT) with Diamond 10® Technology Coating</td>
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<td>Natural Creations® with Diamond 10® Technology Coating, Vivero® Best &amp; Better</td>
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<td>S-240 Epoxy</td>
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<td>S-310 Roll Strong</td>
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<td>S-1000</td>
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<tr>
<td>Natural Creations® Classics LVT, Parallel® 12 &amp; 20 LVT</td>
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<td>S-310 Roll Strong</td>
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<tr>
<td>S-1000</td>
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<td>S-240 Epoxy</td>
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<tr>
<td>Luxe Plank® with FastTak®</td>
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<tr>
<td>Floating</td>
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<td>S-310 Roll Strong</td>
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<td>S-960</td>
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<td>S-700 and S-750</td>
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<tr>
<td>Safety Zone® Tile</td>
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<td>S-240 Epoxy</td>
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<tr>
<td>S-Flip Spray Adhesive</td>
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<td>Safety Zone® Sheet</td>
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<td>S-799</td>
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<td>S-240 Epoxy</td>
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<tr>
<td>Rubber Tile, Stair Treats and Transition Strips</td>
</tr>
<tr>
<td>Excelon® SDT™</td>
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</tbody>
</table>
Installation Products

Material

Vinyl and Rubber Wall Base:

Vinyl: A composition of polyvinyl chloride resin, ortho-phthalic diesters, stabilizers, fillers and pigments.

Rubber: A composition of rubber binder, fillers and pigments.

Stair Treads, Risers, Rubber Tiles: A vulcanized composition of rubber binder, reinforcing fillers and pigments.

Transition Strips: A composition of polyvinyl chloride resin, plasticizers, stabilizers, fillers and pigments.

Patterns and Colors

Vinyl and Rubber Wall Base

A wide range of colors with a durable matte finish in a choice of either straight or covered-free surface design. Color pigments are insoluble in water and resistant to cleaning agents and light.

Stair Treads, Risers, Rubber Tiles

Vinyl and rubber risers have chamfered shoulders with sharply defined edges at the top. The solid color is uniform throughout the entire thickness of the tread, riser and tile. Color pigments are insoluble in water and resistant to cleaning agents and light.

Transition Strips

Available in five colors, Armstrong® homogeneous vinyl transition strips are offered in eight profiles with a semi-gloss finish.

Limitations

Vinyl and Rubber Wall Base should not be used in the following areas:

- Below grade outside walls where moisture or alkali is present.
- Exterior areas.

Stair Treads, Risers, Rubber Tiles and Transition Strips should not be used in the following areas:

- Heavy industrial and exterior areas.
- Commercial kitchens and commercial food processing areas.
- Where painted splices such as goof or track shoes will be used.
- Where the floor will be subjected to unusually concentrated or dynamic loads.

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

Suitable for Application Over

Vinyl and Rubber Wall Base

- Clean, dry, smooth, structurally sound interior vertical surfaces, including gypsum drywall, plaster, concrete, plywood, paneling and masonry.

Stair Treads, Risers, Rubber Tiles and Transition Strips

- Concrete, terrazzo and other dry, structurally sound monolithic surfacings on all grade levels.
- Suspended wood subfloor construction with approved wood underlayments, and a minimum of 18 in. (45.7 cm) well-ventilated air space below.
- Steel, stainless steel and aluminum floors.
- Radiant heated surfacings with a maximum surface temperature of 85º F (29º C).

Unsuitable for Application Over

Vinyl and Rubber Wall Base

- Nonporous surfaces such as a durable matte finish in a choice of either straight or covered-free surface design. Color pigments are insoluble in water and resistant to cleaning agents and light.

Stair Treads, Risers, Rubber Tiles and Transition Strips

- Subflooring and other dry, structurally sound monolithic surfacings on all grade levels.
- Suspended wood subfloor construction with approved wood underlayments, and a minimum of 18 in. (45.7 cm) well-ventilated air space below.
- Steel, stainless steel and aluminum floors.
- Radiant heated surfacings with a maximum surface temperature of 85º F (29º C).

Stair Treads, Risers, Rubber Tiles and Transition Strips

- Subflooring and other dry, structurally sound monolithic surfacings on all grade levels.
- Suspended wood subfloor construction with approved wood underlayments, and a minimum of 18 in. (45.7 cm) well-ventilated air space below.
- Steel, stainless steel and aluminum floors.
- Radiant heated surfacings with a maximum surface temperature of 85º F (29º C).

Installation

Job Conditions

Vinyl and Rubber Wall Base and Risers

Vertical surfaces shall be dry, clean, smooth and structurally sound. They shall be free from loose paint or plaster, vinyl wall coverings, moisture, alkali, dust, dirt, wax, oils, grease or other foreign matter. Existing adhesive must be left so that no ridges or puddles are evident and what remains is a thin, smooth film. Rough or uneven wall surfaces may telegraph through the wall base. For more detailed requirements, visit ArmstrongFlooring.com.

Temperature shall be maintained at a minimum of 65º F (18º C) and a maximum of 100º F (38º C) for 48 hours prior to installation, during installation and 48 hours after completion. A minimum temperature of 50º F (10º C) shall be maintained thereafter. Condition all flooring materials and adhesives to room temperature at least 48 hours prior to starting installation. Protect all materials from the direct floor of heat from hot-air registers, radiators, or other heating fixtures and appliances.

Stair Treads, Risers, Rubber Tiles and Transition Strips

Subfloors/underlayments 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 travertine underlayments, visit ArmstrongFlooring.com. Calcium Chloride Tests for moisture content must be conducted. Armstrong Flooring offers a guideline of a maximum acceptable moisture emission level of 3.0 lb. per 1000 sq. ft. per 24 hours or an internal relative humidity not greater than 80%. 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 0 to 9 on the pH scale.

Temperature shall be maintained at a minimum of 65º F (18º C) and a maximum of 85º F (29º C) for 48 hours prior to installation, during installation and 48 hours after completion. A minimum temperature of 55º F (13º C) shall be maintained thereafter. Condition all flooring materials and adhesives to room temperature at least 48 hours prior to starting installation. Protect all materials from the direct floor of heat from hot-air registers, radiators, or other heating fixtures and appliances.

Procedure

Vinyl and Rubber Wall Base and Risers

Install Armstrong® Vinyl and Rubber Wall Base with S-705 adhesive. Vinyl and Rubber Wall Base can be mitered, scribed or wrapped with toe notched for inside corners, or preformed outside corners may be used. Vinyl and Rubber Wall Base may be mitered, scribed or wrapped with the notched for inside corners. For detailed instructions, visit ArmstrongFlooring.com.

Stair Treads and Rubber Tiles

Armstrong® Stair Treads and Landing Tiles must be installed using S-240 Epoxy Adhesive full spread. For detailed instructions, visit ArmstrongFlooring.com.

Transition Strips

Armstrong® Transition Strips must be installed using a solvent-based contact adhesive full spread. For detailed instructions, visit ArmstrongFlooring.com.

Maintenance

Vinyl and Rubber Wall Base and Risers

Wash with a mild cleaner such as Armstrong® S-445 adhesive diluted 3 to 4 ounces per gallon in water. Use a sponge or cloth. If a higher gloss or protective finish is required, apply a two-coat high gloss with the final coat applied within 48 hours of the first coat. For more detailed instructions, visit ArmstrongFlooring.com.

Warranties

Armstrong Flooring warrants its regular (first quality) Vinyl and Rubber Wall Base, Stair Treads, Risers, Rubber Tiles and Transition Strips to be free from manufacturing defects for five years from the date of purchase if installed according to the installation instructions on ArmstrongFlooring.com. Visit ArmstrongFlooring.com for warranty details, limitations and exclusions.