

## S-288 Flooring Adhesive "Product Information"

### Caution/Warning

Caution / Warning

**⚠ EYE AND SKIN IRRITANT. Carefully read and follow all cautions and warnings on the product label.**

CAUTION: EYE AND SKIN IRRITANT. Avoid eye and skin contact. Use in a well ventilated area. Keep container closed. Do not take internally.

CAUTION: Initially there may be a potentially adverse impact on indoor air quality within the general work area during the installation process. During the installation process, adequate ventilation of the work area should be maintained without causing the entry of contaminants to other parts of building. Persons that are sensitive odors and/or chemicals should avoid the work area.

[S-288 Premium Vinyl Flooring Adhesive](#)

### MSDS

MSDS [Material Safety Data Sheet](#)

### Product Attributes

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Type	Water-based resin
Color	Creamy beige
Taggants	Yes- green glitter
Trowel	<p><a href="#">S-891 Notched Steel Trowel</a> or <a href="#">S-892 Replaceable Blade Trowel</a>;</p> <p>fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch</p> 
Coverage	250-300 sq ft (28-33 sq yds)/gal (23-28 sq m)
Units	Quart (.95 L) , gallon (3.78 L) and 4 gallon (15.14 L)
Open Time	<p>Nonporous substrates - Dry-to-touch (no transfer to fingers):30 minutes or more</p> <p>NOTE: Dry to touch when installing Alterna and Residential LVT Planks over</p>

	<p>all substrates.</p> <p>Porous substrates- Set-in-wet: Minimum 10-20 minutes</p>
Working Time	Up to 1 hour (working times may vary based on job conditions, substrates, temperature and humidity)
Shelf Life	2 year, unopened
Freeze/Thaw Stable	<p>Avoid low temperatures or multiple Freeze-Thaw cycles.</p> <p>Yes, to 10° F (-12° C)</p>
VOC Content	< 14 g/L; calculated and reported, SCAQMD 1168
Clean Up	<p>Dry– clean, white cloth and mineral spirits</p> <p>Wet– clean, white cloth with neutral detergent and water</p>
Subfloors	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages	<p>Moisture and alkali resistant</p> <p>Strong early grab</p> <p>AGIS Guarantee (included as part of Armstrong Installation System when installing Armstrong vinyl-back sheet flooring and residential Luxury Vinyl Tile)</p> <p>Nonflammable, ammonia-free and low odor; contains low or no organic solvents</p> <p>Contains no reportable hazardous substance (per current regulations)</p> <p>For Full Spread Installation Systems</p> <p>"Cradle to Cradle" Gold Certified *</p>

**MANUFACTURING LOCATIONS:** Dalton,GA; Fontana, CA

### Order & Warehouse Information

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Language	English/Spanish	English/French
Size	<p>1-quart</p> <p>1-gallon</p> <p>4-gallon</p>	<p>.946L</p> <p>3.78L</p> <p>15.14L</p>
Carton Item No.	<p>1-quart - 00288124</p> <p>1-gallon - 00288408</p> <p>4-gallon - 00288418</p>	<p>.946L - 00288124</p> <p>3.78L - 00288408</p> <p>15.14L - 00288418</p>
Item/Carton UPC	<p>1-quart - 0-42369-39285-3</p> <p>1-gallon - 0-42369-39284-6</p>	<p>.946L - 0-42369-39321-8</p> <p>3.78L - 0-42369-39322-5</p>

	4-gallon - 0-42369-39283-9	15.14L – 0-42369-39323-2
<b>Carton Dimensions</b>	1-quart – N.A. 1-gallon – 15.5 L x 15.5 W x 8.8 H 4-gallon – 12.5”L x 12.5”W x 12.75”H	.946L – N.A. 3,78L – N.A. 15.14L - 1.5”L x 12.5”W x 12.75”H
<b>Carton Weight</b>	1-quart - 25 lbs. 1-gallon – 36 lbs. 4-gallon – 34 lbs.	.946L - 11.3 kg. 3.78L - 16.3 kg 15.14L - 15.4 kg
<b>Items per Carton</b>	1-quart - 12/ctn 1-gallon – 4/ctn 4-gallon pail – Containers sold individually	.946L - 12/ctn 3.78L – 4/ctn 15.14L pail – Containers sold individually
<b>Cartons per Pallet</b>	1-quart - 48 1-gallon - 45 4-gallon - 48	.946L - 48 3.78L - 45 15.14L - 48
<b>Weight per Gallon</b>	8.3 lbs	

## Substrates

**Substrates** Will bond to all substrates listed below, but refer to the flooring installation system for specific installation recommendations:

- [Concrete on all grade levels](#)
- [Suspended wood and wood underlayment](#)
- [Existing well-bonded resilient flooring: not perimeter-bonded or cushion-backed](#)
- [Ceramic tile, terrazzo, marble, and polymeric-poured floors](#)
- [Properly mixed and applied powder underlayments and embossing levelers](#)
- [Primed, poured-in-place gypsum subfloors](#)
- [Clean and abraded steel, stainless steel, and aluminum](#)
- Radiant-heated subfloors where the surface temperature does not exceed 85 degrees F (29 degrees C)

### DO NOT USE OVER:

- Concrete with excessive moisture and/or alkali
- Existing cushion-backed resilient flooring
- Substrates treated with fire-retardant chemicals, fungicides, preservatives, release agents, adhesive removers, sealers, curing compounds or other incompatible treatments

## Installation Procedures

**Installation Procedures** For use with the following Installation Systems:

- [Fiberglass-Reinforced Sheet Flooring Installation System](#)
- [ToughGuard II Installation System](#)
- [Alterna Installation System](#)
- [Residential LVT Planks Installation System](#)
- [Commercial Luxury Vinyl Tile Flooring Installation System](#)

### INSTALLATION TIPS:

- Condition the area to be installed, adhesive, and flooring to minimum 65 degrees F (18 degrees C) for 48 hours before, during, and for 48 hours after installation.
- Subfloor must be smooth, sound, dry, clean, and free of dirt, wax, polish, paint, and all other foreign matter which may interfere in a good bond, including curing agents and sealers.

- Always run a moisture and alkali test over concrete on any grade level or any other substrate over on- or below-grade concrete. For accurate results, curing agents must be removed in areas where tests will be run. Calcium Chloride test results should not exceed 5 pounds/1000 sq ft/24 hours for sheet products or 8 pounds/1000 sq ft/24 hours for LVT, relative humidity in-situ probe results should not exceed 90% for sheet products and 95% for LVT. Alkali readings should be 5 to 9.
- Stir any liquid on the surface into the adhesive and full spread using the recommended trowel notching.
- When installing over **nonporous surfaces** such as existing resilient flooring and embossing levelers, allow enough open time for the adhesive to dry until tacky with no transfer to the finger (Dry-to Touch) before placing the material into it. This normally takes 30 minutes or more, depending on temperature and humidity. After the adhesive has reached this condition, there is at least one hour of working time in which to install and roll the flooring.
- When installing over **porous surfaces** such as concrete and wood, allow the adhesive enough time to thicken slightly but not become completely dry to the touch. Use the Set-in-Wet procedure for placing the material into the adhesive. The adhesive should be wet enough to transfer readily to the backing. Seams must be laid into place before the adhesive has had a chance to set up over porous surfaces.
- **Note:** Allowing the proper open time will help to minimize knee marks, roller marks and trapped air blisters. Open time will vary based on job conditions, substrate, temperature, air flow and humidity.
- Roll thoroughly. Starting at the center and working toward the edges, roll in two directions using a 100-lb roller. Seams must be hand rolled, then rolled again with a 100-lb roller.
- Remove wet adhesive residue using a clean, white cloth dampened with soapy water. Use mineral spirits for dried adhesive residue carefully following warnings on container.  
Protect newly installed flooring when moving heavy appliances and/or rolling loads.

## LEED / Environmental

LEED / Environmental    **LEED Credits:** EQ 4.1  
[Sustainable Design Information Sheet](#)  
[LEED Credit Information - Installation Products](#)

## Warranty

**Warranty**    When Armstrong S-288 is used with a recommended Armstrong floor application, the Armstrong Guaranteed Installation System warranty applies.

## Product Image

Product Image

