

S-726 Stair Tread & Landing Tile Adhesive

For use with integrated stair tread and landing tiles; recommended for heavy loads.

Type	Solvent-free, acrylic adhesive
Color	Off-White
Taggants	Red & Green
Applicator	1/16" x 1/16" x 1/16" V-Notch
Consistency	Smooth Paste
Coverage	1/16" V-Notch: 165-200 sq ft /gal
Units	1 Gallon and 4 Gallon pails
Open Time	5-10 minutes
Shelf Life	18 months in unopened properly stored container
Freeze/Thaw Stable	5 cycles @ 0°F. If adhesive has frozen, thaw under normal room temperature
VOC Content	<1 gram/liter per SCAQMD Rule 1168
Bonds To	Concrete, underlayment grade plywood, cementitious based patching compounds and levelers.
Advantages	Non-Flammable Low VOC's Solvent-free Low odor Long working time High heat resistance Excellent green strength Easy application FloorScore® Certified by SCS Global Services Health Product Declaration

Acclimation

The area to receive flooring shall be fully enclosed, weather tight, with an installed operating HVAC system. The installation area, flooring materials and adhesive must be acclimated at a temperature between 65°– 85°F for 48 hours prior to, during and after installation. The relative humidity of the installation area shall be maintained between 35 – 55% per ASTM F710 (Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring).

S-726 Stair Tread & Landing Tile Adhesive

Surface Preparation

S-726 can be used on porous and non-porous surfaces free of moisture. Surface to be covered must be dry, clean and smooth. Any foreign materials present such as paint, grease, oil, pen markings, adhesive residues, etc. that may prevent a proper bond or migrate to the surface causing a stain must be removed. Adhesive can be used on all grades of concrete on, above or below grade in the absence of moisture. Installation of a 0.010" or greater effective moisture retarder is recommended directly under all on and below grade concrete floors with its integrity insured. Concrete shall be prepared according to the recommendations outlined in ASTM F710 (Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring). Concrete floors shall be free from crazing, dusting, spalling and any curing or sealing compounds. Concrete floors shall be tested for moisture according to the latest revision of ASTM F2170 (Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes) and ASTM F1869 (Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride). Wood floors must be double construction with a 1" minimum thickness, structurally sound, securely fastened and free from deflection/spring. Top layer of wood shall be underlayment grade plywood. Cracks and uneven surfaces must be filled with an approved cement-based patching compound.

It is the responsibility of the user to determine the porosity of the surface. To determine if a surface is porous, place a few droplets of water in various areas. If the subfloor is porous, the water will be absorbed within 2 – 3 minutes.

Application

Porous Substrates

Apply adhesive with a 1/16" x 1/16" x 1/16" Spread adhesive evenly using the recommended trowel. Hold trowel at a 60° angle. Replace trowels with worn notches. Do not re-notch worn notches. For porous applications, the adhesive shall be allowed to remain open or flash-off for approximately 5 – 10 minutes before positioning flooring. The working time of the adhesive will be dependent upon substrate porosity, room temperature and humidity. Adhesive trowel notches must be pliable to receive flooring. Immediately roll flooring in both directions with a 100 lb three-section stairs and landing tiles with a hand roller.

Non-Porous Substrates

Apply adhesive with a 1/16" x 1/16" x 1/16" V-notch trowel Spread adhesive evenly using the recommended trowel. Hold trowel at a 60° angle. Replace trowels with worn notches. Do not re-notch worn notches. Non-porous installations require the adhesive to be dry to the touch, so that there is little or no transfer of adhesive to the finger. Once adhesive dries to the touch, it is ready to accept flooring material. Adhesive trowel notches must be pliable to receive flooring. When you run your finger across the trowel ridges, the ridges should be pliable with moderate finger pressure. **From the time the adhesive dries to the touch, to the time it must be covered with flooring is approximately 45 – 75 minutes. If the adhesive remains uncovered longer than the recommended 45 – 75 minutes a loss in adhesion strength may result.** The installer should not spread more adhesive than can be covered with flooring within the 45 – 75 minute time frame. Note: as long as flooring is positioned while trowel notches are pliable do not look for peel strength or transfer to back of flooring. Immediately roll stairs and landing tiles with a hand roller.

Post Installation

Prevent all traffic for a minimum of 24 hours. Restrict heavy traffic and rolling loads for a minimum of 72 hours after installation. Do not wash or begin maintenance procedures on the floor for a minimum of 5 days after installation to allow the adhesive to properly cure.

Clean-up

Remove wet adhesive from flooring and tools with soapy water and a clean cloth. Use mineral spirits to remove dried adhesive. Do not apply solvents directly to flooring. Use caution when handling flammable solvents.

For complete safety information, please refer to the Safety Data Sheet, or visit our website at armstrongflooring.com or floorexpert.com.