

TUF STIK-150™ Spray Adhesive is a high performance aerosol applied adhesive suitable for interior installations of Shannon Specialty Floors Sheet Vinyl, Luxury Vinyl Plank, Luxury Vinyl Tile, and PVC-Free Sheet and Tile flooring in commercial applications. This solvent-free and VOC free low odor spray adhesive is non-flammable and ideal for use in occupied spaces and when quick turnover is important. The inverted delivery system allows the installer to apply adhesive from a normal standing position greatly reducing the handling and application requirements associated with conventional bucket adhesives. Providing high shear and instant aggressive grab allows for heat welding immediately after installation, placing the flooring back into service quickly. **TUF STIK-150™ Spray Adhesive** has outstanding water and plasticizer resistance.

ADVANTAGES:

Allows immediate traffic
High moisture and pH resistance
No offensive odor – contains no solvents or VOC's
No trowel marks
Quick to apply and easy application
Heat weld immediately after installation
Ideal for making repairs
FloorScore® Certified

Substrate Preparations: **TUF STIK-150™ Spray Adhesive** may be used on porous or non-porous surfaces such as wood or metal or existing fully bonded floors like ceramic tile, VCT or non-cushioned tile or sheet vinyl and over concrete substrates with up to 93% in-situ Relative Humidity (ASTM F2170) and pH 8.0-10.0 (ASTM F710). Substrates shall be properly prepared in accordance with the current version of the applicable Shannon Specialty Floors Installation Guidelines and the ASTM F710 for concrete slabs or ASTM F1482 for panel subfloors. The substrate must be dry and clean, smooth and flat. Remove existing adhesive, paint, marker dust, dirt or any foreign matter or contaminants that may stain the flooring or interfere with a good bond.

The installation site must be acclimated with HVAC in operation. The subfloor and room temperature, as well as flooring materials and adhesive, should be within 2-3° F of each other and maintained at a stable temperature between 65°- 85° F with relative humidity between 35%-65% for 48 hours prior to, during, and after the testing and installation. Do not use on substrates that have been chemically cleaned. Testing the substrate with an impedance meter testing (refer to ASTM F2659) is highly recommended due to issues related to topical moisture from Dew Point conditions. Substrate surfaces should not read over 3.5% on the impedance meter for any adhesive application.

Application: Coverage will depend on the substrate and the flooring to be installed, generally between 125-150 square feet per 22 ounce can. Shake can well before each use. Point can downwards, press the side of the nozzle tip as you slowly walk back and forth overlapping passes achieving uniform coverage. Do not use a sweeping motion as this can cause uneven coverage. Clean up drips when they occur with a cloth dampened with clean water. When using on a non-porous substrate, a lighter application may be necessary. Apply a heavier application for tile and plank products and at the seams and along all edges of sheet flooring. Between uses, clean the spray tip immediately with a clean wet cloth to prevent accumulation of dried adhesive. If spray pattern deteriorates, remove tip and clean out all adhesive. Reapply nozzle and continue spray application.

NOTE: As all projects are different, it is the installer's responsibility to determine the proper adhesive coverage appropriate for jobsite conditions. Conduct bond testing before the installation to determine the adhesive application rate, open and working times and to identify any potential bonding issues. To determine the accurate adhesive coverage rate, measure and chalk line the substrate into grids for the appropriate square feet of area for the adhesive application. Evenly spray the entire can of adhesive onto each measured grid area.

Open Time: Allow the adhesive to dry completely with no transfer to fingers when lightly touched. Open time is generally 20-40 minutes and will vary depending on the adhesive coverage, substrate porosity and the ambient conditions. Working time for the adhesive should not exceed 3 hours from application.

Flooring Installation: When dry to touch, lay flooring onto adhesive. Make sure the flooring is laid tightly together, aligned and balanced to room. Roll the floor immediately after the installation is complete with a 100 lb. roller. Sheet flooring seams may be heat welded immediately after installation. Normal traffic may be allowed as soon as the installation, finishing and clean-up are complete.

Safety and Clean Up: Wet adhesive overspray or drips should be cleaned with soap and water on a clean cloth. Dried adhesive may require the use of a heavy duty floor cleaner or Goof Off® cleaner. Relieve pressure in empty aluminum spray cans and recycle or dispose of in accordance with local requirements. Do not expose to temperatures exceeding 115° F (46°C) as prolonged exposure to heat or direct sun may cause can to burst.

DO NOT ALLOW PRODUCT TO FREEZE.

LEED PROGRAM CERTIFICATIONS (where applicable)

- o IEQ Credit 4.1–Low Emitting Materials
- o IEQ Credit 4.3–Low VOC ratings help qualify installations for this credit as part of a flooring system.
- o MR Credit 5–Regional Materials–on jobsites within 500 miles from manufacturing location: Dalton, GA 30721.

Composition	Water based synthetic polymer
Odor	Extremely Low Odor
Storage Temperature	Between 50°_F-95 F (Optimal temperature for full shelf life is 65°_F-85°_F)
Freeze Thaw Stable	No - Maintain Minimum Temperature of 40°F
Open Time	Generally 10-20 Minutes – Dry to Touch
Working Time	Up to 3 Hours depending on conditions
Moisture Limits	Up to 93.0% RH (ASTM F2170) and 6.0 lbs. MVER (ASTM F1869)
Alkalinity Limit	8.0-10.0 pH
Flash Point	Non Flammable
Unit Size	22 oz. recyclable aluminum can
Packaging	6 cans per carton
Coverage	125-150 SF per can / 750-900 SF per carton
Shelf Life	1 year from date of manufacture (stored upright and unused between 65°_F-85°_F)
VOC Content	0 g/l per SCAQMD Rule 1168
CARB VOC Category	Aerosol Adhesive
CARB VOC Limit	75% - This product contains zero (calculated) VOC's

FIRST AID: Avoid contact with eyes and skin. For eye contact, flush thoroughly with water for 15 minutes and get immediate medical attention. For skin contact, wash area with soap and water. If swallowed, do not induce vomiting; get medical attention immediately. If inhaled, remove person to fresh air; for difficulty breathing, get immediate medical attention.

Contact Shannon Specialty Sales Customer Service or visit our website at www.shannonspecialtyfloors.com for additional information and Safety Data Sheet.

Disclaimer: It is the user's responsibility to review and determine the suitability of this information and product for their intended purpose. The manufacturer is not responsible for the misuse of this product. This Product Data Sheet and the information conveyed herein supersede all previous versions. 01262016

