

Technical Data Sheet (TDS)

UVF-867 Vinyl Flooring Adhesive

Ultra Versatile Flooring Adhesive

Special features

- ▣ Advanced acrylic formula for installing virtually any resilient floor covering; PVC sheet vinyl (full spread), Fiberglass backed sheet vinyl, vinyl tile, LVT, vinyl plank, rubber sheet goods and tile, VCT, VET
- ▣ Can be used as a "Dry Set" pressure sensitive adhesive or as a "Wet-Tacky" adhesive depending upon applications
- ▣ Use for carpet tile and six foot broadloom carpet



Product Description

UVF-867 is a truly "multi-purpose" adhesive that can be used to install virtually any floor covering product. So versatile, this advanced acrylic formula redefined the installation process. It can be used in the same fashion as a conventional adhesive or as a pressure-sensitive adhesive. This is a real advantage, providing the installer with a higher degree of flexibility in regard to his work practices.

UVF-867 is chemically compatible with virtually every known floor covering backing system presently in use in the industry. This revolutionary adhesive virtually eliminates the possibility of an installer selecting "the wrong glue" and the need for him to be an "expert" on flooring manufacturing, construction, backing systems, and chemistry. Like all of our adhesives, this adhesive is protected by the CleanGuard® two-stage antimicrobial. CleanGuard® is a specifically formulated broad-spectrum, anti-microbial agent that protects our adhesives and sealers from microorganisms, such as mold or mildew, in both the wet and dry states.

Pre-Installation Checklist

A successful installation requires proper preparation of the subfloor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturers' recommendations for subfloor moisture content, design, layout, and application of flooring materials. All flooring material's backing must be solid, sound, and free of anti-adherents. All slab constructions must meet the specific requirements of the floor covering to be installed.

Sub Floor Examination

Prior to installation, the subfloor must be checked according to applicable installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chaps, indentations, and anti-adherents, as well as resistant to pressure and tension. The moisture content of all floors must be measured before installation.

Moisture content in concrete subfloors must be below 12#/24hr/1,000SF using the Calcium Chloride Test or less than 90% RH using the in-situ test per ASTM F1869 and F2170. If installing sheet goods, the limitations are 85% and 8#, respectively.

Sub Floor Preparation

Depending on the type and condition of the subfloor, a mechanical treatment (e.g. mechanical brushing, grinding, or sanding) may be required. The intensity of such work must be determined at the site by the installer. Dust, paint, residual adhesives, or other surface contaminants must be removed by suitable means. Cleaning the surface with an industrial vacuum cleaner is recommended. Cracks and gaps must be filled with concrete crack filler unless they are expansion joints. Level when necessary to 3/16 inches within 10 feet. Heated subfloors, gypcrete, wooden subfloors, levelers, patches, and lightweight concrete must be primed. Fast curing cementitious leveling or patching compounds might reduce the flash and work time of water-based products due to absorption.

Installation Procedure

Spread the adhesive with the appropriate notched trowel. Avoid excessive adhesive thickness by passing the trowel evenly through the adhesive at a 45-degree angle. Observe the appropriate flash time (if applicable). Lay the flooring into the adhesive, correctly position it and press down firmly. Be sure to check the back of the flooring to ensure a good adhesive transfer from subfloor to flooring is achieved. Roll flooring approx. 15-30 min. after installation with a 75-100# roller if recommended by the flooring manufacturer. Push down raised edges approx. 30-60 min. after installation.

Storage

Store and transport protected from freezing. Recommended minimum temperatures are 35°F for transport and 40°F for storage. Do not stir the product if frozen, allow it to thaw completely.

Limitations

When using other than STAUF products in conjunction with STAUF primers, sealers, leveling compounds, or adhesives, STAUF denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from STAUF.

In case of an accident, injury, spill, or exposure, see SDS for information. Consult the Technical Data Sheet at www.staufusa.com for updated information. This adhesive will maintain its integrity and performance even when higher levels of moisture are present. While adhesive can withstand up to 12#/24hr/1000SF (Calcium Chloride Test) and 90% RH (in-situ probe) of moisture, it does not qualify as a moisture inhibitor. Please see below for recommended sealers if a moisture barrier is required. Not suitable for areas with excessive topical moisture (i.e. melting snow, repeated flooding, pressure washing) or extreme horizontal shear forces; use R-Series adhesives under these circumstances. If sheet goods are installed, the limitations are 85% and 8#.

The foregoing representations are based on the results of our most current product and material testing within a controlled environment and are of a non-obligatory advisory nature only. As such, they do not constitute an express or implied warranty of any kind including the Warranty of Merchantability and/or Fitness for a Particular Purpose. Because we have no control over the actual quality of workmanship, materials used, and worksite conditions, STAUF USA LLC will in no event be liable for any incidental and/or consequential damages. Therefore, we strongly recommend that prior on-site testing be conducted to refer to and study the suitability of the product for the intended purpose. With the release of this Technical Information Sheet, all its prior versions become invalid. For warranty and warranty disclaimer information please see our Limited Lifetime Warranty @ www.staufusa.com

General Features

- ❑ LEED qualified
- ❑ Contains no VOC (calc. per CA Rule 1168)
- ❑ Nonflammable
- ❑ Dispersion base cleans with water
- ❑ Certified green, CRI GLP

Installation Features

- ❑ Very low odor
- ❑ Cleans with warm water and soap
- ❑ Long open time
- ❑ Spreads easily
- ❑ Higher temp will shorten drying time

Long Term Features

- ❑ Resistant against aging
- ❑ Remains elastic

Approved Flooring

- ❑ Sheet Vinyl (homogeneous or foam backing)
- ❑ Sheet Vinyl (structured or rubber back)
- ❑ Vinyl Tiles and Planks (VCT, LVT, SVT, LVP, VET)
- ❑ Rubber Flooring
- ❑ Linoleum
- ❑ Underlayments
- ❑ Carpet Tiles (EVA, PP, PU, bitumen)

Approved Subfloors

- ❑ Concrete Slabs
- ❑ OSB (underlayment grade)
- ❑ Plywood (underlayment grade)
- ❑ Felt backed Sheet Vinyl (well bonded, sanded, asbestos-free)
- ❑ Cured Leveling Compounds
- ❑ Radiant Heated Subfloors
- ❑ VCT (well bonded, sanded, asbestos-free)

Flash Time (wet lay)

- ❑ 10 - 30 min

Open Time (wet lay)

- ❑ 30 - 60 min

Flash Time (dry lay)

- ❑ 60 - 120 min

Open Time (dry lay)

- ❑ up to 6 hours

Approved Primers

- ❑ Primer is normally not required
- ❑ STAUF AQP-200 Eco-Prime

Approved Sealers

- ❑ STAUF ACS-210 True-Seal

Approved Leveling Compounds

- ❑ STAUF SLC-540 Self Leveling Compound
- ❑ STAUF QFF-560 Quick Feather Float
- ❑ STAUF RLC-580 Fiber Level

Approved Trowels and Spread Rate

- ❑ VCT, LVP, LVT, SVT over non-porous-#9 (1/32 x 1/16 x 1/32): up to 250 SF/gal.
- ❑ SVT, VCT, LVT, LVP, rubber, carpet tile over porous-#8 (1/16 x 1/16 x 1/16 in square notch): up to 150 SF/gal.
- ❑ Sheet Vinyl over non-porous-#18 (1/16 x 1/32 x 5/64 U notch): up to 300 SF/gal.
- ❑ Sheet Vinyl over porous-#9 (1/32 x 1/16 x 1/32 in): up to 250 SF/gal.
- ❑ Broadloom with polyurethane cushion-#19 (3/32 x 3/32 x 3/32 in U notch): up to 110 SF/gal.

Cure Time until Normal Traffic

- ❑ Approx. 24 hours

Clean-Up

- ❑ Use soap and water

Temperature Range during Installation

- ❑ 50-90F (10-32C)

Relative Humidity Range during Installation

- ❑ 30% - 80%

Packaging Size

- ❑ 4 gal. Plastic Pail
- ❑ 48 per pallet
- ❑ Case of 4x1 gal Plastic Pails
- ❑ 42 per pallet

Color

- ❑ White

pH value of concrete

- ❑ Must be between 7 and 11

Transportation

- ❑ Above 35F (do not stir if frozen, allow to thaw completely)

Storage

- ❑ Above 40F, protect from freezing

Shelf Life

- ❑ 12 Months in original, unopened container