

Technical Data Sheet (TDS)

PSA-832 Carpet Tile Adhesive

Carpet Tile Pressure Sensitive Adhesive

Special features

- ▣ Superior pressure sensitive formula for a more aggressive bond
- ▣ Professional PSA for use with LVP, LVT, modular carpet tile, fiberglass backed sheet vinyl
- ▣ Tiles may be lifted and replaced without loss of bond



Product Description

PSA-832 has been formulated to ensure superior adhesive performance under the very demanding conditions commonly found in today's fast paced construction and raises the bar for the performance of pressure sensitive adhesives. PSA-832 may also be used to install vinyl tile (LVT). The CRI Green-label Plus Adhesive certification Program has certified PSA-832 as a "low VOC" adhesive.

PSA-832 is a premium, high performance pressure sensitive adhesive [PSA] with a tenacious bond. It is the professional's choice for installation of vinyl tile [LVT], vinyl plank, modular carpet tile, as well as, fiberglass reinforced [F/G] sheet vinyl. This adhesive can be used on most commonly found sub-floors. This aggressive PSA allows for the removal and replacement of carpet tiles while maintaining a high standard of performance. PSA-832 may also be used to install approved carpet cushions in double-glue installations. PSA-832 has a long working time, spreads easily and affords easy clean up. PSA-832 is a nonhazardous, VOC compliant adhesive with zero VOC's (calculated). PSA-832 is protected by the CleanGuard® two-stage antimicrobial.

Pre-Installation Checklist

A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturer's recommendations for sub floor moisture content, design, layout and application of flooring materials. All slab constructions must meet the specific requirements of the floor covering to be installed.

Sub Floor Examination

Prior to installation, the sub floor 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. Moisture content of all floors must be measured before installation.

Moisture content in concrete sub floors must be below 8#/24hrs/1,000 sq. ft. using the Calcium Chloride Test or less than 85% RH using the in-situ test per ASTM F1869 and F2170.

Sub Floor Preparation

Depending on type and condition of sub floor, a mechanical treatment (e.g. mechanical brushing, grinding or sanding) may be required. 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 sub floors must be primed.

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 make certain good adhesive transfer from sub floor 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 20 °F for transport and 40 °F for storage. Do not stir product if frozen, allow 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 accident, injury, spill or exposure, see SDS sheet for information. Consult 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 8#/24 hrs/1,000 SF (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.

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
- spreads easily
- dries quickly
- higher temp will shorten drying time

Long Term Features

- improves bonding of STAUF water based adhesives

Approved Flooring

- LVT (square tiles)
- Carpet Tiles (EVA, PP, PU, bitumen)

Approved Sub Floors

- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Felt backed Sheet Vinyl (well bonded, sanded, asbestos-free)
- Cured Leveling Compounds
- Radiant Heated Sub Floors
- VCT (well bonded, sanded, asbestos-free)
- (do not install non-porous flooring over non-porous sub floors)

Flash Time (dry lay)

- 45 - 75 min

Open Time (dry lay)

- up to 24 hrs

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

- Carpet Tile, LVP, LVT-#9 (1/32"x1/16"x1/32"): up to 250 SF/gal.
- Carpet Cushion-#1 (1/16"x1/16"x1/16"): up to 200 SF/gal.
- Carpet Tile and F/G sheet vinyl - 3/8" Nap Roller: up to 350 SF/gal.

Cure Time until Normal Traffic

- approx. 24 hours

Clean-Up

- Use soap and water

Temperature Range during Installation

- 50°-90°F

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 9

Transportation

- above 35°F (do not stir if frozen, allow to thaw completely)

Storage

- above 40 °F, protect from freezing

Shelf Life

- 12 Months in original, unopened container