

Technical Data Sheet (TDS)

R731 Poly-Link

Adhesive for Turf & Flooring Installation

Special features

- ❑ Suitable for outdoor installations
- ❑ No VOC or solvents; Achieves LEED points
- ❑ Installs in light rain and blazing heat
- ❑ No shipping restrictions
- ❑ Resistant to cleaners and most chemicals after curing
- ❑ Lifetime warranty



Product Description

R731 adhesive spreads easily and has a non-slump formula that will help insure contact and adhesive transfer because the ridges will bridge normal gaps between the flooring and substrate. It allows fast installation even with complicated patterns due to its strong green grab. There is no flash time required, so installation can commence immediately. Rolling is recommended. It offers superior flexibility and is designed to adapt to seasonal changes. R731 offers high shear strength which makes it suitable for outdoor and indoor use.

Pre-Installation Checklist

A successful installation requires proper preparation of the subfloor. Read and understand all applicable guidelines and technical data sheets before beginning installation. Follow industry standards and flooring manufacturers' recommendations for subfloor preparation, design, layout, and application of flooring materials. The backing of all flooring material must be solid and sound, and free of anti-adherents.

Sub Floor Examination

Prior to installation, the subfloor must be checked according to national standards. It must be solid and sound, level, free of indentations, and resistant to pressure and tension.

Sub Floor Preparation

Prepare subfloor according to synthetic turf manufacturer's instructions.

Installation Procedure

Spread the adhesive with the appropriate notched trowel or use a glue box to spread the adhesive onto the seaming tape. Lay the turf into the adhesive and press down firmly.

Storage

Place plastic on top of unused adhesive. Remove air pockets between adhesive and plastic. Place silica bags in the pail. Place lid on pail and seal tightly. Store pail in a cool dry place.

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.

This adhesive will maintain its integrity and performance even when high levels of moisture or water are present. While adhesive can withstand any amount of moisture, it does not qualify as a moisture inhibitor. Please see below for recommended sealers if a moisture barrier is required.

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 isocyanates
- ❑ Contains no water
- ❑ High shear strength
- ❑ Contains no solvents
- ❑ Contains no VOC (calc. per CA Rule 1168)
- ❑ Certified green
- ❑ Certified very low emission
- ❑ Nonflammable
- ❑ High solids content
- ❑ Special polymer will not etch floors finish
- ❑ Moisture cured for a strong bond
- ❑ Freeze/thaw stable

Installation Features

- ❑ Wet lay - no flash time required
- ❑ Non-slump formula
- ❑ Very low odor
- ❑ Excellent spread rate
- ❑ Long open time
- ❑ Spreads easily
- ❑ Higher temp and RH will shorten drying time
- ❑ No risk of sensitization

Long Term Features

- ❑ Resistant against aging
- ❑ Remains elastic
- ❑ Suitable for radiant heat systems
- ❑ Adhesive is waterproof when cured
- ❑ No health hazards

Approved Flooring

- ❑ Synthetic Turf
- ❑ Sports Flooring
- ❑ Sheet Vinyl (structured or rubber back)
- ❑ Rubber Flooring
- ❑ Carpet (felt, fiber, jute, woven vinyl)
- ❑ Sheet Vinyl (felt backed)
- ❑ VCT (Vinyl Composition Tiles)
- ❑ All Flooring must be tested for compatibility prior to installation
- ❑ **NOT approved:** Polyolefin/Polyethylen/Polypropylen backed

Approved Materials

- ❑ Synthetic Turf

Approved Subfloors

- ❑ Concrete Slabs
- ❑ OSB (underlayment grade)
- ❑ Plywood (underlayment grade)
- ❑ Cured Leveling Compounds
- ❑ Radiant Heated Subfloors
- ❑ Wet Concrete Slab up to 25#/24hr/1000SF and 100% RH
- ❑ Seaming Tape
- ❑ Cured and primed cementitious levelers
- ❑ Brick
- ❑ Concrete

Approved Primers

- ❑ Primer is normally not required

Approved Sealers

- ❑

Approved Leveling Compounds

- ❑ STAUF SLC-540 Self Leveling Compound
- ❑ STAUF QFF-560 Quick Feather Float
- ❑

Approved Trowels and Spread Rate

- ❑ Flat backed Material #1 (1/16 x 1/16 x 1/16 in. V notch): up to 170 SF/gal.
- ❑ Rough backed Material #2 (1/8 x 1/8 x 1/16 in. V notch): up to 90 SF/gal.
- ❑ Trowel #4 (Outdoor on rough Surface): up to 50 SF/gal.
- ❑ Sports Flooring #15 (3/32 x 3/32 x 3/32 in): up to 130 SF/gal.
- ❑ Recommended Run Length: 160 LF/unit (glue 9 in wide)

Cure Time until Normal Traffic

- ❑ Approx. 12 hours

Clean-Up

- ❑ Use acetone while wet
- ❑ Use plastic scraper and terry cloth when dry

Temperature Range during Installation

- ❑ 32-100F (0-38C)

Relative Humidity Range during Installation

- ❑ 20% - 90%

Packaging Size

- ❑ 3 gal. Plastic Pail

Color

- ❑ Cream

pH value of concrete

- ❑ Resistant up to 14

Storage

- ❑ Dry

Shelf Life

- ❑ 12 Months in original, unopened container

Open Time	30% R/H	50% R/H	80% R/H
50F/10C	30 mins.	25 mins.	20 mins.
70F/21C	25 mins	20 mins.	15 mins.
90F /32C	20 mins.	15 mins.	10 mins.