

Technical Data Sheet (TDS)

R721 Turf-Link Duo

Adhesive for Synthetic Turf Installation

Special features

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



Product Description

R721 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. R721 offers extremely high shear strength which makes it suitable for outdoor and indoor use.

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.

Mixing of Components

Pour Part B completely into Part A. Thoroughly mix the two components with an electric mixer for at least 3 minutes until a uniform mixture and color are achieved.

For mixing a partial pail use these ratios (9 Parts A:1 Part B by weight):

- 1/4 Pail: mix 56 fl. oz. Part A with 8 fl. oz. Part B
- 1/2 Pail: mix 112 fl. oz. Part A with 16 fl. oz. Part B
- 3/4 Pail: mix 1 gal 40 fl. oz. Part A with 24 fl. oz. Part B

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.

Limitations

Do not install during heavy rain or where water has accumulated.

Do not install below 32°F (0°C) or above 100°F (38°C). Use only on approved seaming tapes.

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 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.

General Features

- ❑ Contains no water
- ❑ Contains no chlorinated solvents
- ❑ Contains no solvents
- ❑ Contains no VOC (calc. per CA Rule 1168)
- ❑ Nonflammable
- ❑ High solids content
- ❑ Ozone friendly
- ❑ High strength moisture-cured urethane
- ❑ Freeze/thaw stable

Installation Features

- ❑ Wet lay - no flash time required
- ❑ Strong green grab
- ❑ Non-slump formula
- ❑ Bridges normal sub floor variations
- ❑ Very low odor
- ❑ Excellent spread rate
- ❑ Spreads easily
- ❑ Higher temp will shorten drying time
- ❑ Observe pot life during installation

Long Term Features

- ❑ Resistant against aging

Approved Flooring

- ❑ Synthetic Turf
- ❑ Sports Flooring

Approved Subfloors

- ❑ Concrete Slabs
- ❑ Seaming Tape
- ❑ Asphalt

Flash Time (wet lay)

- ❑ no

Open Time (wet lay)

- ❑ approx. 30 mins @ 70°F (21°C)

Approved Primers

- ❑ Primer is normally not required

Approved Sealers

- ❑ Sealer is normally not required
- ❑ STAUF ACS-210 True-Seal
- ❑ STAUF ERP-270 Perma-Seal

Approved Leveling Compounds

- ❑ Leveling is normally not required

Approved Trowels and Spread Rate

- ❑ Glue Box: approx. 50 SF/gal.
- ❑ Trowel #4 (Outdoor on rough Surface): up to 50 SF/gal.
- ❑ Minimum Run Length: 110 LF/unit (glue 9 in wide)
- ❑ Recommended Run Length: 160 LF/unit (glue 9 in wide)
- ❑ Maximum Run Length: 210 LF/unit (glue 9 in wide)
- ❑ Sports Flooring-#15 (3/32 x 3/32 x 3/32 in) up to 130 SF/gal.

Cure Time until Normal Traffic

- ❑ Approx. 12 hours

Clean-Up

- ❑ Use acetone while wet
- ❑ Product will damage surfaces - clean while wet

Temperature Range during Installation

- ❑ 32-100F (0-38C)

Relative Humidity Range during Installation

- ❑ 20% - 90%

Packaging Size

- ❑ 2 gal. Plastic Combo Pail (A+B)
- ❑ 64 per Pallet

Color

- ❑ Green

Color Hardener

- ❑ Brown

Mixing Ratio

- ❑ 9 parts A + 1 part B by weight

Pot Life

- ❑ Approx. 30 min. @ 70F (21C)

Shelf Life

- ❑ 24 Months in original, unopened container

Shear Strength

- ❑ > 1,000 psi (> 6.9 N/mm²) after 7 days