

## Technical Data Sheet (TDS)

### R741 Xtrem-Link Mono

Adhesive for Resilient & Flooring Installation

#### Special features

- ❑ One Component Product
- ❑ Permanently waterproof
- ❑ Can be used indoor and outdoor
- ❑ Very high shear and tensile strength
- ❑ No VOC or solvents; Achieves LEED points



#### Product Description

R741 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. R741 offers extremely 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

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 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.

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](http://www.staufusa.com) for updated information.

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](http://www.staufusa.com)

## 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

## Long Term Features

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

## Approved Flooring

- ❑ Synthetic Turf
- ❑ Sports Flooring
- ❑ Vinyl Tiles and Planks (VCT, LVT, SVT, LVP, VET)
- ❑ Rubber Flooring
- ❑ Linoleum
- ❑ Carpet (felt, fiber, jute, woven vinyl)
- ❑ Wall/Cove base
- ❑ Underlayments
- ❑ Cork Flooring
- ❑ NOT approved: Polyolefin/Polyethylen/Polypropylen backed Flooring

## Approved Materials

- ❑ Synthetic Turf
- ❑ Sports Flooring

## Approved Subfloors

- ❑ Concrete Slabs
- ❑ Seaming Tape
- ❑ Asphalt

## Approved Substrates

- ❑ Concrete Slabs
- ❑ OSB (underlayment grade)
- ❑ Plywood (underlayment grade)
- ❑ Felt backed Sheet Vinyl (well bonded, sanded, asbestos-free)
- ❑ Ceramic Tiles
- ❑ Stone, Terrazzo
- ❑ Cured Leveling Compounds
- ❑ Radiant Heated Subfloors
- ❑ Wet Concrete Slab up to 25#/24hr/1,000SF and 100% RH
- ❑ Seaming Tape
- ❑ Metal Floors
- ❑ Asphalt
- ❑ Epoxy Sealers (100% solid, cured)
- ❑ Stained Concretes (well bonded)

## Flash Time (wet lay)

- ❑ no

## Open Time (wet lay)

- ❑ approx. 45 mins @ 70°F (21°C)

## Approved Primers

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

## 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

- ❑ 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.
- ❑ Recommended Run Length: 160 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. 24 hours

## Clean-Up

- ❑ Use STAUF UCL-QT while wet
- ❑ Product will damage surfaces - clean while wet

## Temperature Range during Installation

- ❑ 50-90F (10-32C)

## Relative Humidity Range during Installation

- ❑ 30% - 80%

## Packaging Size

- ❑ 3 gal. Plastic Pail
- ❑ 48 per pallet

## Color

- ❑ Cream

## pH value of concrete

- ❑ Resistant up to 14

## Shelf Life

- ❑ 12 Months in original, unopened container

## Shear Strength

- ❑ 580 psi (4.0 N/mm<sup>2</sup>) after 7 days

Open Time	30% R/H	50% R/H	80% R/H
50 F / 10 C	60 min.	50 min.	40 min.
70 F / 21 C	50 min.	40 min.	30 min.
90 F / 32 C	40 min.	30 min.	20 min.