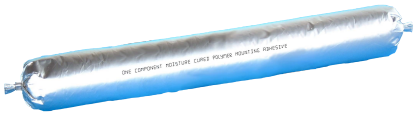
Technical Data Sheet (TDS)

SMP-925 Poly-Link

Polymer-Based Wood Flooring Adhesive

Special features

- Moisture cured wood adhesive
- Non-etching
- Cleans easily even after cured



Product Description

STAUF SMP-925 Poly-Link is an advanced formula polymer designed for professional wood flooring installation. It replaces isocyanate-containing urethane adhesives. It is ozone and environmentally safe since it contains no solvents or hazardous materials.
SMP-925 has earned the highest GEV-EMICODE EC 1 ranking by the European Association for Control of Emissions for Flooring. See www.emicode.com for information. Because there is no water or solvent present, it will not cause dimensional changes to wood flooring. This adhesive is waterproof when fully cured and will not emulsify if it gets wet.
SMP-925 spreads easily and has a non-slump formula that will help insure contact and adhesive transfer. It allows fast installation even with complicated patterns due to its strong green grab and no flash time requirement. Rolling is neither required nor recommended. It offers superior flexibility and is designed to secure flooring, yet allow for normal movement during seasonal changes.

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 NWFA installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chaps, indentations, and anti-adherents, and resistant to pressure and tension. The moisture content of all floors must be measured before installation. Moisture content in concrete subfloors must be below 3#/24hr/1,000SF using the Calcium Chloride Test or below 75% RH using an in-situ probe per ASTM F1869 and F2170.
All wood floors should have 6-9% moisture content at installation. There should be no more than a 4-5% variance in moisture content between the wood flooring and any wood subfloor. See NWFA guidelines and the wood flooring manufacturer's recommendations for details.

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 on-site by the installer. Dust, paint, residual adhesives, dirt, oil, grease, sealers, curing compounds, waxes, silicates, laitance, 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, 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 and should be primed.

Installation Procedure

Spread the adhesive using the sausage gun. Apply beads approx. ½? thick and 3? apart. Lay the flooring into the adhesive, position correctly, and press down firmly.

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 solid wood below grade. Do not use on concrete with curing agents or sealers. Do not install wood flooring with a moisture reading above 9%. Do not use adhesive as a leveling material. This adhesive will not prevent moisture-related damages to wood flooring caused by flooding, busted pipes, etc., or where moisture conditions are in excess of limitations outlined in the Subfloor Examination.
This adhesive is mold and mildew-resistant and water resistant when fully cured. However, it will not prevent moisture-related damages to wood flooring unless it is used as a moisture barrier (if applicable) within the limitations set forth in the Technical Data Sheet.
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.
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
- Ozone friendly
- 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
- Cleans with acetone
- No rolling required
- 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 with primer
- Allows normal dimensional changes in wood flooring
- Adhesive is waterproof when cured
- No health hazards
- Stronger shear srength reduces cupping

Approved Flooring

- Engineered Wood Flooring

Approved Subfloors

- 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

Approved Primers

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

Approved Sealers

- STAUF ACS-210 True-Seal
- STAUF VPU-155 S Urethane Sealer

Approved Leveling Compounds

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

Approved Trowels and Spread Rate

- Ridges 1/4 x 1/4 in: up to 100 LF/unit

Cure Time until Normal Traffic

- Between 24 and 48 hours

Clean-Up

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

Temperature Range during Installation

- 50-90F (10-32C)

Relative Humidity Range during Installation

- 30% - 80%

Packaging Size

- 20.3 fl. oz. (600 ml) Aluminum Sausage Pack
- 20 count Case

Color

- Cream

Shelf Life

- 12 Months in original, unopened container

Shear Strength

- 229 psi (1.6 N/mm²)

Open Time	30% R/H	50% R/H	80% R/H
50F/10C	2 hours	1-1/2 hours	1 hours
70F/21C	1-1/4 hours	1 hours	3/4 hour
90F/32C	60 mins	50 mins	40 mins