



Technical Data Sheet

SIF848 High-Tack

Universal Flooring Adhesive

Special features

- ❑ for wet lay or dry-lay (pressure sensitive adhesion)
- ❑ can be used over moisture barriers
- ❑ very long open time
- ❑ can be used over cutback mastic



Product Description

Summit SIF848 is a highly specialized flooring adhesive that can be used for a wide variety of floor covering, such as: carpet, vinyl, LVP, SVT, LVT, VCT, rubber, etc. It has a great green tack, high final shear and tensile strengths and a very long open time.

Summit SIF848 installation methods can vary from a traditional wet lay method, a mid level tacky, and even a drier pressure sensitive type of installation. It can also be used in conventional wet lay on a concrete slab, when installing over existing non-absorbent flooring. Summit SIF848 can be applied directly over a wide variety of moisture sealers including 2 part epoxy based sealers.

Summit SIF848 is non-hazardous, contains no VOC, is certified as "very low emission" by an independent laboratory and is eligible for LEED points.

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.

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 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. 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 floor to flooring is accomplished. 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. Use Stauf notched trowel #1 (1/16"x1/16"x1/16") for all general installations, except in the following cases:

- a) use Stauf notched trowel #2 (1/8"x1/8"x1/16") for installation of all carpets with felt, fiber, jute, action or synthetic backing on porous sub floors.
 - b) use Stauf notched trowel #9 (1/32"x1/16"x1/32") if thin, non-porous floorings (Sheet Vinyl, VCT, LVT, LVP, SVP or thin Rubber flooring) are installed over non-porous sub floors using the dry-lay or pressure sensitive installation.
 - c) use Stauf notched trowel #15 (3/32"x3/32"x3/32") to install thick, heavy and/or large flooring tiles as well as heavy sports flooring or thick flooring with heavy traffic on porous sub floors.
- When installing non-porous floorings (e.g. VCT, LVT, LVP, SVT, Sheet Vinyl, Rubber, Carpet with foam or vinyl backing) over a non-porous sub floor (e.g. speed troweled concrete, epoxy and other moisture barriers, cutback mastic) a dry-lay or pressure sensitive installation method must be used. The adhesive should be tacky but not transfer to your skin when placing your hand lightly onto the adhesive.

Limitations

In case of accident, injury, spill or exposure, see MSDS sheet for information. Consult technical data sheet at www.summit-flooring.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 85% 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.



General Features

- LEED qualified
- contains no chlorinated solvents
- contains no solvents
- contains no VOC
- certified "green"
- certified "very low emission"
- nonflammable
- ozone friendly
- dispersion base cleans with water
- not freeze/thaw stable

Installation Features

- long open time
- spreads easily
- higher temp will shorten drying time
- No risk of sensitization

Long Term Features

- resistant against aging
- suitable for radiant heat systems
- No health hazards

Approved Flooring

- Sports Flooring
- Sheet Vinyl (homogeneous or foam backing)
- Sheet Vinyl (structured back)
- Vinyl Tiles and Planks (VCT, LVT, SVT, LVP)
- Rubber Flooring
- Carpet (foam back)
- Carpet (felt, fiber, jute, action-back)
- Wall/Cove base
- Sheet Vinyl (Pressure sensitive Adhesive)
- Rubber Flooring (Pressure sensitive Adhesive)

Approved Sub Floors

- Cutback Mastic (well bonded, not brittle, tested negative for asbestos)
- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Vinyl (well bonded, grinded, tested negative for asbestos)
- Ceramic Tiles
- Stone, Terrazzo
- Cured Leveling Compounds
- Radiant Heated Sub Floors
- Metal Floors
- Asphalt

Flash Time (wet lay)

- 5-25 min. @ 70 °F (21°C)

Open Time (wet lay)

- up to 60 min. @ 70 °F (21°C)

Flash Time (dry lay)

- up to 60 min. @ 70 °F (21°C)

Open Time (dry lay)

- up to 2 hours @ 70 °F (21°C)

Approved Primers

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

Approved Sealers

- STAUF ACS-210 True-Seal
- STAUF ERP-270 Perma-Seal

Approved Leveling Compounds

- STAUF QFP-520 Quick Floor Patch
- STAUF SLC-540 Self Leveling Compound
- STAUF QFF-560 Quick Feather Float

Approved Trowels and Spread Rate

- Flat backed Flooring-#1 (1/16"x1/16"x1/16") up to 170 SF/gal.
- Rough backed Flooring-#2 (1/8"x1/8"x1/16") up to 90 SF/gal.
- Flooring with PSA-#9 (1/32"x1/16"x1/32") up to 250 SF/gal.
- Sports Flooring-#15 (3/32"x3/32"x3/32") up to 130 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

- 3 gal. Plastic Pail
- 48 per pallet

Weight [lbs./gal.]

- 9.4

Color

- Cream

pH value of concrete

- must be below 12.4

Transportation

- above 32 °F, not freeze/thaw stable

Storage

- above 32 °F, not freeze/thaw stable

Shelf Life

- 12 Months in original, unopened container