



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



CERTIFIED
GREEN



Product Description

Summit SIF848 is a highly specialized flooring adhesive that can be used for a wide variety of floor coverings such as carpet, vinyl, LVP, SVT, LVT, VCT, rubber, etc. It has a great green tack, high 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 VOCs, 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 subfloor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturer’s recommendations for subfloor 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 subfloor must be checked according to applicable installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chips, contaminations 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 subfloor, a mechanical treatment (e.g., brushing, grinding, sanding) may be required. Residual adhesives or contaminants must be removed. Cleaning the surface with an industrial vacuum cleaner is recommended.

Cracks and gaps must be filled with concrete crack filler unless expansion joints. Level differences greater than 3/16 inches within 10 feet must be corrected. Heated subfloors, gypsum, cork, lightweight concrete must be primed. Fast curing cementitious leveling compounds may reduce flash time and working time.

Installation Procedure

- Spread adhesive with appropriate notched trowel
- Avoid excessive thickness; maintain 45° angle while spreading
- Observe flash time if applicable
- Install flooring into adhesive and press down firmly
- Roll floor with 75–100 lb roller after 15–30 minutes

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Trowel Recommendations:

- Standard: 1/16" x 1/16" x 1/16"
- Carpet (porous subfloors): 1/8" x 1/8" x 1/16"
- Non-porous floors: 9/32" x 1/16" x 1/32"
- Sports flooring/thick flooring: 5/32" x 3/32" x 3/32"

Important Notes:

- For non-porous floors or substrates, use dry-lay/pressure sensitive method
- Adhesive should tack but not transfer to fingers before installation

Limitations

In case of accident, injury, spill or exposure, see MSDS sheet for information.

This adhesive will maintain its integrity and performance even when higher levels of moisture are present. While adhesive can withstand up to:

- Up to 8 lbs/24 hrs/1,000 sq ft (Calcium Chloride Test)
- Up to 85% RH (in-situ probe)

It does not qualify as a moisture inhibitor. If a moisture barrier is required, use an approved sealer.

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 temperature will shorten drying time
- No risk of sensitization

Long Term Features:

- Resistant against aging
- Suitable for radiant heat systems
- No health hazards

Installation Features:

- 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, felt, jute, action-back)
- Carpet tile
- Wall/cove base
- Sheet vinyl (pressure sensitive installation)
- Rubber flooring (pressure sensitive installation)

Approved Sub Floors:

- Cutback mastic (well bonded, not brittle, tested negative for asbestos)
- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Vinyl (well bonded, tested negative for asbestos)
- Ceramic tiles
- Stone, terrazzo
- Cured leveling compounds
- Radiant heated subfloors
- Metal floors
- Asphalt

Timing (at 70°F / 21°C)

- Flash Time (wet lay): 5–25 minutes
- Open Time (wet lay): up to 60 minutes
- Flash Time (dry lay): up to 60 minutes
- Open Time (dry lay): up to 2 hours

Approved Primers:

- Uzin PE 460
- Uzin PE 360 Plus

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Approved Floor Sealers:

- XL Brands / Bostik AS-100
- XL Brands / Bostik TriSeal

Approved Leveling Compounds:

- Uzin Premium Plus – Turbo Patching Compound (NC 888)
- Uzin Premium – Skim & Repair Compound (NC 886)

Approved Trowels and Spread Rate:

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

Cure Time Until Normal Traffic:

- Approx. 24 Hours

Clean-Up:

- Use soap and water

Temperature Range During Installation:

- 50°F – 90°F

Relative Humidity Range During Installation:

- 30% – 80%

Packaging Size:

- 3 gallon plastic pail
- 48 per pallet

Weight:

- 9.4 lbs/gal

Color:

- Cream

pH Value of Concrete:

- Must be below 12.4

Transportation & Storage:

- Above 32°F (not freeze/thaw stable)

Shelf Life:

- 12 months in original, unopened container

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