

RENOVATOR® CBR 970

PATENT PENDING

STAUF®

FLOORING ADHESIVES USA

FOR WOOD FLOORS OVER CUTBACK MASTIC

PRODUCT DESCRIPTION

STAUF CBR-970 RENOVATOR is the first and only wood adhesive that is engineered to go directly over asphalt cutback adhesive without having to completely remove the old cutback mastic. It will not dissolve the cutback mastic as other types of adhesive do. It forms a permanent bond between the floor and the cutback mastic, greatly reducing the time, cost and sticky mess required to remove cutback mastic. It is recommended for solid or engineered wood flooring.

CBR-970 RENOVATOR meets or exceeds all current environmental and health codes and it is certified "Green" by an independent lab. It also qualifies for LEED credits. It contains no water, solvents, or VOC's. It spreads easily, cleans easily with mineral spirits, will not etch the finish of the flooring, and forms non-slumping ridges that help eliminate hollow spots caused by uneven sub floors. CBR-970 is not to be used over products containing asbestos.

CBR-970 RENOVATOR represents the latest in adhesive technology as well as providing a tremendous savings in time, labor and cost to Installers and Specifiers who need to install flooring over cutback mastic.

PRODUCT FEATURES

General Features:

- For installation over old cutback mastic
- Contains no isocyanates to etch floor's finish
- Contains no water
- Contains no solvents
- Contains no VOC
- Certified "green"
- Certified "very low emission"
- Nonflammable
- Ozone friendly
- Moisture cured for a strong bond
- Freeze/thaw stable
- LEED qualified

Installation Features:

- Wet lay - no flash time required
- Superior green grab
- Non-slump formula
- Bridges normal sub floor variations
- Very low odor
- Cleans with acetone or mineral spirits
- No rolling required
- Excellent spread rate
- Long open time
- Spreads easily
- Higher temp & RH will shorten drying time
- Contains no plasticizers

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
- Eliminates hollow spots

PRODUCT USAGE

Approved Flooring:

- Engineered Flooring
- Strip Flooring
- Shorts
- Planks
- Parquet
- Solid Wood Flooring must be straight and flat
- Bamboo Flooring (except Stranded Bamboo)

Suitable Primers:

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

Suitable Sealers:

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

Approved Sub Floors:

- Cutback Mastic (well bonded; tested negative for asbestos)
- Concrete slabs
- OSB, Plywood, Particle or Chipboard (underlayment grade)
- Old floors with adhesive residues, sanded
- Vinyl, well bonded
- Ceramic Tiles
- Stone, Terrazzo
- Cured Leveling Compounds
- Radiant heated sub floors
- Asphalt

Approved Trowels:

Engineered Floors:

- Trowel #14 up to 85 SF/gal (Sub floor/flooring gap 1/8" max.)
- Trowel #5 up to 60 SF/gal

Solid Floors:

- Trowel #4 up to 50 SF/gal

Parquet (solid or engineered):

- Trowel #3 up to 70 SF/gal

Underlayments:

- Trowel #15 up to 100 SF/gal (see back for trowel specs)

Shelf Life:

- 12 months in original unopened container

Packaging Size:

- 3 Gallon plastic pail



OPEN TIME

	+50 °F	+70 °F	+90 °F
30% Humidity	2 hours	1 1/2 hours	1 hour
50% Humidity	1 1/2 hours	1 hour	45 mins.
80% Humidity	1 hour	45 mins.	30 mins.



**INSTALLS OVER
CUTBACK MASTIC**

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INSTALLATION PROCEDURE

Pre-Installation Checklist:

A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines and technical data sheets before beginning 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 starting, the sub floor must be checked according to NWFA installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chaps, indentations and antiadherents as well as resistant to pressure and tension.

Moisture content of all floors must be measured before installation. Moisture content in concrete sub floors must be below 3#/24hrs/1,000 sq. ft. using the Calcium Chloride Test or below 75% RH using an *in-situ* probe. 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 sub floor. See NWFA guidelines and the wood flooring manufacturer's recommendations for details.

Existing cutback mastic must be permanently bonded to the sub floor. The floor must be inspected and tested for asbestos. If asbestos is found, it must be properly removed or abated before continuing installation. This adhesive is not an asbestos abatement.

Sub Floor Preparation:

Sub floor preparation of the existing cutback mastic requires only that the ridges or high spots be knocked off, typically with only 1-3 passes of a mechanical scraper. Brittle cutback mastic can be crushed and vacuumed up. Softer cutback need only be leveled. If desired, a leveling compound may be used before spreading the adhesive. The remainder of the cutback mastic can remain on the floor. No primer is required. Application over radiant heat is acceptable.

Installation:

Spread the adhesive with the appropriate notched trowel. Avoid excessive adhesive thickness by passing the trowel evenly through the adhesive at a 45° angle. There is no flash time, so installation should begin immediately. Lay the flooring into the adhesive, correctly position it and press down firmly. Rolling is neither required nor recommended. Be sure to check the boards at regular intervals to make certain good adhesive transfer from floor to flooring is accomplished.

LIMITATIONS

When using other than Stauf products in combination with Stauf adhesives, we deny any and all responsibility for any ensuing problems and/or damages without prior written permission from Stauf.

- Do not install solid wood below grade.
- Do not use on concrete with curing agents or sealers except approved Stauf sealers.
- Do not use on damp sub floors.
- Do not install wood flooring with moisture reading above 9%.
- Do not use as leveling material.
- This adhesive is mold and mildew resistant and waterproof when fully cured. It will not dissolve if it gets wet. However, it will not prevent moisture-related damages to wood flooring.

ADHESIVE PROPERTIES

Cure Time until Normal Traffic

- between 24 and 48 hours

Clean-up

- Use acetone or mineral spirits while wet
- Use plastic scraper and terry cloth when dried

Temperature Range During Installation

- 50° - 90°F

Relative Humidity Range During Installation

- 30% - 80%

Weight (lbs./gal.)

- 12.9

Color

- Beige

Shear Strength

- 218 psi (1.5 N/mm²)

TROWEL SPECIFICATIONS

Depth x Width x Distance

- Trowel #3: flat-V notch 5/32" x 1/8" x 3/16"
- Trowel #4: flat-V notch 1/4" x 7/32" x 9/32"
- Trowel #5: flat-V notch 3/16" x 1/4" x 3/8"
- Trowel #14: flat-V notch 3/16" x 1/4" x 9/16"
- Trowel #15: flat-V notch 3/32" x 3/32" x 3/32"

STORAGE & TRANSPORT

Place the foil insert over any remaining adhesive in the pail, set the silica gel moisture absorption bag on top, and place lid on pail tightly. Store pail in cool, dry place. Shelf life 12 months in unopened container

USAGE & ACCIDENT INFORMATION

Please refer to our technical data sheet and MSDS for information. See website at www.staufusa.com.

