

Technical Data Sheet (TDS)

CBR-970 Renovator

For Installation of Wood Flooring over Cutback Mastic

Special features

- ▣ No need to scrape or sand off old glue
- ▣ Bonds permanently and will not dissolve cutback mastic
- ▣ Zero solvents / VOC / plasticizers / water / hazardous ingredients
- ▣ Patent No 8,614,269



Product Description

CBR-970 RENOVATOR is the first and only wood floor 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 wood floor and the cutback mastic, greatly reducing the time, cost, and 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 is certified 'Green' by an independent lab. It also qualifies for LEED credits. It contains no water, solvents or VOCs. 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 wood flooring over cutback mastic. The adhesive 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. There is no flash time required, so installation can commence immediately. Rolling is neither required nor recommended. It offers superior flexibility and is designed to keep the flooring in place, yet allow for normal movement during seasonal changes to the flooring.

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.

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

Sub Floor Preparation

Subfloor 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 necessary, 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 Procedure

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 ensure a good adhesive transfer from subfloor to flooring is achieved. Bowed boards or boards over low spots should be weighted down until the adhesive cures.

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 solid wood below grade. Do not use on concrete with curing agents or sealers except approved STAUF Sealers. Do not use on damp subfloors. Do not install wood flooring with a moisture reading above 9%. Do not use adhesive as a leveling material.

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
- ❑ For installation over old cutback mastic
- ❑ Contains no isocyanates
- ❑ Contains no water
- ❑ Contains no solvents
- ❑ Contains no VOC (calc. per CA Rule 1168)
- ❑ Certified green
- ❑ Certified very low emission
- ❑ Nonflammable
- ❑ High solids content
- ❑ Ozone friendly
- ❑ Moisture cured for a strong bond
- ❑ Freeze/thaw stable
- ❑ Contains no plasticizers

Installation Features

- ❑ Wet lay - no flash time required
- ❑ Superior green grab
- ❑ Bridges normal sub floor variations
- ❑ Very low odor
- ❑ Cleans with acetone
- ❑ No rolling required
- ❑ Does not cause cupping of wood flooring
- ❑ High 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
- ❑ Eliminates hollow spots
- ❑ No health hazards

Approved Flooring

- ❑ Engineered Wood Flooring
- ❑ Strip Flooring
- ❑ Shorts
- ❑ Planks, up to 7 in wide
- ❑ Parquet
- ❑ Solid Wood Flooring must be straight and flat
- ❑ Bamboo or Eucalyptus Flooring (except Strand Woven Products)

Approved Subfloors

- ❑ Cutback Mastic (well bonded, not brittle, tested negative for asbestos)
- ❑ 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
- ❑ Asphalt

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
- ❑ STAUF QFF-560 Quick Feather Float
- ❑ STAUF RLC-580 Fiber Level

Approved Trowels and Spread Rate

- ❑ Engineered Floors-#5 (3/16 x 1/4 x 3/8 in) up to 60 SF/gal.
- ❑ Solid Floors-#4 (1/4 x 7/32 x 9/32 in) up to 50 SF/gal.
- ❑ Parquet-#3 (5/32 x 1/8 x 3/16 in) up to 70 SF/gal.
- ❑ Underlayments-#15 (3/32 x 3/32 x 3/32 in) up to 130 SF/gal.

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

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

Color

- ❑ Beige

Storage

- ❑ Dry

Shelf Life

- ❑ 12 Months in original, unopened container

Shear Strength

- ❑ 218 psi (1.5 N/mm²)

Open Time	30% R/H	50% R/H	80% R/H
50 F / 10 C	2 hours	1-1/2 hours	1 hour
70 F / 21 C	1-1/2 hours	1 hour	45 mins
90 F / 32 C	1 hour	45 mins	30 min