

TEKNOFLOR®

TEKNOFLOR® EX-4000

PRODUCT DATA SHEET

(REV: SEPT 2008)

PRODUCT DESCRIPTION:

Teknoflor® EX-4000 is a solvent-free, chemically curing 2-part epoxy adhesive specifically formulated for the installation of rubber and vinyl flooring coverings over porous and non-porous surfaces. The EX-4000 is recommended over wood floors and dry concrete floors above, on, or below grade where moisture is not a problem. Follow Teknoflor® recommendations and industry standards regarding sub-floor preparation.

SUB-FLOOR PREPARATION:

We require that moisture tests be performed on all concrete sub-floors regardless of grade level or whether or not the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F-1869 Calcium Chloride Tests with moisture levels not to exceed three (3) pounds per twenty-four (24) hours per (1000) square feet.

APPLICATION:

- All surfaces must be clean, dry, free of dust, grease, paints, oils, curing compounds, sealers or any other foreign material which may interfere with proper adhesion.
- Cracks and uneven surfaces must be filled with cement based patching compound.
- Before, during, and 48 hours after the installation, a temperature of 65° - 85° F must be maintained.
- The packaged epoxy units are marked A and B.
- Mix entire contents of Part B into the Part A container with a rotary motion while at the same lifting from the bottom.
- Mix until smooth and uniform in color (no streaking).
- Adhesive will not cure if not thoroughly mixed.
- Mixed adhesive has a pot life of 30-45 minutes.
- Higher temperatures will result in a shorter pot life.
- Immediately pour the entire mixture of the EX-4000 contents out of the can onto the subfloor.
- **DO NOT** let the mixed epoxy adhesive stand in the can.
- Trowel with a 1/16" x 1/16" x 1/16" sq. notched trowel.
- Spread rate is approximately 130-140 sq. ft. per gallon.
- Flooring material must be installed into the wet adhesive prior to the adhesive setting.
- Check for full adhesive transfer to the back of the floor covering.
- If the adhesive is dry to the touch and does not transfer, **DO NOT INSTALL** the flooring material.
- Once the flooring has been installed, it immediately must be rolled diagonally in both directions with a 100 lb., 3-section roller. A hand roller must be used in areas that cannot be reached with a big roller.
- Use a steel hand roller before in areas that cannot be reached by a large roller.
- Roll a second time before the adhesive sets, generally 1-2 hours, depending on ambient room conditions.
- Direct sunlight or heat from an external source will speed up the set of the adhesive.
- NOTE: Lower temperature will result in longer cure times.
- Avoid all traffic for 24 hours after the installation.
- Wait 48 hours before allowing heavy traffic.

CLEAN UP:

After the installation, remove all excessive adhesive before it cures. Use a cloth dampened with mineral spirits. (CAUTION: If a flammable solvent is used, avoid all sources of heat, sparks, or open flames and use with adequate ventilation.) Do not allow solvent to penetrate the seams, this can destroy the adhesive bond. Once the epoxy adhesive has cured, it cannot be easily removed. Dried adhesive generally require abrasion or scraping, possibly damaging the floor covering surface.

WARNING:

Do not sand, dry sweep, dry scrape, drill, saw, bead blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphalt "cutback" adhesive, or other adhesive. These products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume that the material be tested to determine asbestos content. RFCI's Recommended Work Practices for Removal of Resilient Floor Covering are a defined set of instructions addressed to the task of removing all resilient floor-covering structures.

NOTICE:

Various Federal, State and Local government agencies have regulations governing the removal of in-place asbestos-containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations. Resilient Floor Covering Institute • 401 East Jefferson Street • Suite 102 • Rockville, MD 20850 (301) 340-8580

FOR MORE INFORMATION REFER TO MATERIAL SAFETY DATA SHEET which is available by request From Shannon Sales, Inc. • 800-522-9166

**FOR APPLICATIONS USING ACRYLIC ADHESIVES,
GO TO PDF FILE "TEKNOFLOR INSTALLATION".**

Shannon Sales Inc
Specialty Flooring

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