

Application Instructions:

Before application of the KOESTER VAP I® 2000 FS SYSTEM, make sure that all conditions as outlined for uses, surface preparation and mixing have been strictly adhered to.

MIX FOR 2 MINUTES AND IMMEDIATELY POUR ON TO THE FLOOR. NEVER WAIT MORE THAN 5 MINUTES TO DISPENSE THE MATERIAL. THE KOESTER VAP I® 2000 FS CAN HEAT UP AND RELEASE POTENTIALLY HAZARDOUS FUMES.

The KOESTER VAP I® 2000 FS System can be applied using a squeegee and/or 3/8" nap roller application. The coverage rates for the VAP I® System depend on the surface texture and porosity of the substrate as well as the degree of moisture level. The KOESTER VAP I® 2000 FS SYSTEM is self-leveling and has the tendency to run into low areas where it can build up. Therefore it is recommended to start with a trial area of application to determine final coverage. On average, coverage of 90 to 140 sq. ft./gal. can be expected, but can vary from project to project.

Approximate Suggested Coverages

Up to 10 lbs./1000 ft. /24h. 130 sq. ft./gal.

Up to 15 lbs./1000 ft. /24h. 100 sq. ft./gal.

Up to 25 lbs./1000 ft. /24h. 70 sq. ft./gal.

When applied onto absorptive concrete, the KOESTER VAP I® 2000 FS SYSTEM will penetrate deep into the voids of the substrate surface. This can result in the appearance of "outgassing" by displacing the air contained in the voids with resin. Extensive testing has shown that this "outgassing" does NOT affect the vapor performance of the system. This displacement may result in high points which can be removed with a razor scraper or very light disc sanding. Pinholes can be filled with floor adhesive or epoxy putty. All "outgassing channels" are self-sealed during curing of the system.

If this "displacement / outgassing" is of issue with the flooring installation, apply one coat of KOESTER VAP I® PRIMER at a coverage rate of 250 sq. ft./gal. and wait a minimum of 6 to 12 hours before the application of the KOESTER VAP I® 2000 FS. After the KOESTER VAP I® 2000 FS has cured for a minimum of 12 hours, the subsequent flooring systems can be installed. KOESTER VAS Adhesives can be used directly onto the VAP I® 2000 FS and carry with them the full ten-year warranty.

Mixing:

Mix Component A and B at a rate of 2:1 by volume and pour onto the substrate immediately after mixing.

Material Properties:

Pot Life:	<u>Immediately empty container after mixing</u>
Working Time:	15-20 Minutes
Solid Content:	100 %
VOC, Mixed (lbs./gal.):	< 10 gr./L
Flash Point:	>200°

Packaging: 2.4 gallon Combi-Pack.

Storage: Between 50-90°F.

Shelf Life: 1 year in original sealed container

Clean Up: Immediately with Xylene after use

Disposal: Dispose of in accordance with current local, state and federal regulations. Collect with absorbent material.

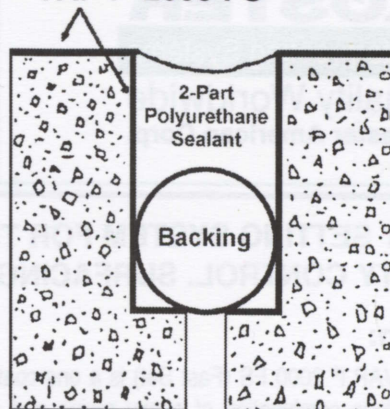
Safety Precautions:

Component A contains epoxy resins. Component B contains amines. Avoid skin and eye contact as well as prolonged exposure to vapors. Use safety goggles and chemical-resistant gloves. Ventilate work area properly. Use NOISH/MSHA approved vapor respirator.

First Aid: Eye Contact — Flush immediately with water and consult physician

Skin Contact — Wash immediately with soap and water

Cracks/Expansion Joints VAP I® 2000 FS



Allow VAP I® 2000 FS to cure a minimum of 5 hours, before applying backing and sealant.

Environmental Conditions:

The KOESTER VAP I® 2000 FS SYSTEM must be applied at ambient and substrate temperatures between 50 and 90 degrees F. (10°C. and 32. 2°C.). The relative humidity must not exceed 80%.

IN ORDER TO AVOID ENTRAPMENT OF VOLATILE COMPONENTS USE SOLVENT / WATER-FREE ADHESIVES ONLY (100% SOLIDS). Koester VAS Adhesives are formulated for use directly over the VAP I® System to create a single source 10-year warranty. A thorough examination of all areas with the KOESTER VAP I® 2000 FS SYSTEM must take place prior to subsequent applications of coating or other coverings. If necessary, imperfections like pinholes, inadequate Coat thickness can be touched up with a second application of the Coating, allowing the first coat to cure for a minimum of 3-4 hours.

Maximum recoat time (adhesives included) is 5 days.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY
READ MATERIALS SAFETY DATA SHEET
BEFORE USING
EMERGENCY RESPONSE: Infotrac 800-535-5053

Warranties:

LIMITED WARRANTY: KOESTER AMERICAN CORPORATION ("KOESTER") warrants that its products shall be in accordance with their published specifications and covenants that, in the event any of its products fail to meet their published specifications or their published performance standards (subject to published conditions such as proper application and surface preparation), KOESTER shall replace those products proved defective, but KOESTER shall not be responsible for consequential damages due to the breach of its warranties. Notwithstanding the foregoing, KOESTER's liability hereunder shall not exceed one and one-half (1 1/2) times the cost of the defective product originally purchased. EXCEPT AS SET FORTH ABOVE, KOESTER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

KOESTER AMERICAN CORPORATION

2585 Aviator Drive

Virginia Beach, Virginia 23453

Tel. (757) 425-1206 • FAX (757) 425-9951

Web Site: <http://www.koesterusa.com>