

1.04 Application Instructions

Dampen concrete surfaces, leaving no standing water. Surfaces must be damp, not wet to the touch. Apply KOESTER VAP 1[®] pH by roller or squeegee leaving no areas untreated. Avoid pin holes and puddling, then backbrush. Wait approximately 20 minutes and rebrush once more. Apply one coat; allow it to cure for a minimum of 12 hours. Provide continuous ventilation, air movement/exchange during curing. Apply KOESTER VAP 1[®]pH system at a coverage rate of 200 sq. ft. per gallon depending upon surface porosity of substrate. After the KOESTER VAP 1[®]pH system has cured for a minimum of 16-24 hours, subsequent flooring systems can be installed. For resin based coatings, allow a minimum of 24 hours before installation. KOESTER VAS Adhesives can be used directly onto this VAP 1[®] pH and carry with them the full ten-year warranty.

CAUTION:

Since performance characteristics can vary from substrate to substrate, always test water vapor emission after the complete application of KOESTER VAP 1[®] pH system. Make sure that water vapor emission has been reduced to required levels. CHECK FOR PIN HOLES. APPLY VAP 1[®]pH EVENLY AS POSSIBLE, LEAVING NO AREAS VOID.

1.04 MIXING

Mix component A and B at a ratio of 4:1 using a clean container. Mix thoroughly to obtain a homogeneous mixture using a slow speed motor (below 400rpm) and a Jiff-type mixer. Avoid aerating of mix. Empty B-component can completely leaving no material left in the can.

Material Properties:

Pot Life:	2 hours
Solid Content:	approx. 45%
VOC, mixed (lbs./gal.):	Less than .1 lbs./gal.
Flash Point:	>200°F

1.05 PROTECTION

- Do not apply KOESTER VAP 1[®]pH when ambient surface temperatures are below 50° F and above 90° F.
- Always use clean potable water to pre-dampen surfaces.
- Protect application during specified cure period from any kind of traffic and topical water.
- Never apply KOESTER VAP 1[®] pH to surfaces exposed to the sun.

1.06 CLEANING

Clean all tools and equipment with water immediately after use.

Packaging: 5 gallon units

Storage: Between 50° F and 90° F

Shelf Life: 12 months in original sealed container

Safety Precautions:

Component A of VAP 1[®] pH contains epoxy resins. Component B of VAP 1[®] pH 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 NIOSH/MSHA approved vapor respirator.

First Aid:

Eye Contact — Flush immediately with water and consult physician.

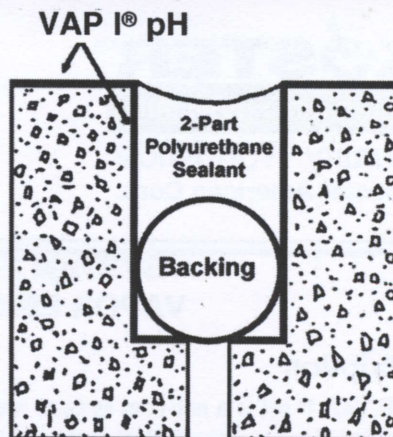
Skin Contact — Wash immediately with soap and water.

Respiratory Problems — Take person to get fresh air.

Disposal:

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

Cracks/Expansion Joints



Allow VAP 1[®] pH to cure a minimum of 24 hours, before applying backing and sealant.

Environmental Conditions:

The KOESTER VAP 1[®] pH 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[®] 1 System to create a single source 10-year warranty. A thorough examination of all areas with the KOESTER VAP 1[®] pH 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 12 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 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 if 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>