



# VECT-R Penetrant™

## Product Information Sheet

### PRODUCT DESCRIPTION

SINAK VECT-R PENETRANT™ is a lithium-based liquid, the first component in the SINAK VECT-R System™. VECT-R PENETRANT is reactive inside the concrete and will reduce moisture vapor emission, control alkalinity, and create a stable environment for all surface applied materials. For optimum results, apply VECT-R PENETRANT after concrete has cured for 28 days or longer.

### PREPARATION

**Tool and Equipment:** Broom, vacuum, sprayer, mop, rags, shields, tape, plastic, straight pin (for cleaning sprayer tips).

**Surface Preparation:** Remove curing compounds, crack repair, patching, overlays or any other material that could interfere with substrate absorption prior to applying PENETRANT. Be sure a minimum concrete surface profile (CSP) of 3 is achieved prior to applying PENETRANT. For more information on surface profiles, see the ICRI website.

**General Preparation:** Protect all surfaces not intended for treatment with proper protection. Be sure to protect personal effects e.g., glasses, jewelry, etc. Should PENETRANT get on surfaces unintended for treatment, remove IMMEDIATELY with a damp cloth. For additional information, contact SINAK Corporation.

### PRECAUTIONS

Do not flood-coat or over-apply PENETRANT. Product allowed to dry on the surface may result in a white scaly residue that is difficult to remove and may interfere with the bond of crack repair, patching and surface applied materials.

### MIXING

No mixing required.

### APPLICATION

The application should be a continuous process. Should the application be interrupted, mark the place of stoppage and continue at a later time. Be sure to note how many coats were applied prior to interruption.

1. Apply four (4) light coats allowing each to dry prior to applying the next. Final spread rate should be approximately 200-250 sq ft per gallon. Use fans to move air after applying each coat to expedite the process. Actual coverage may vary according to surface textures, concrete quality, and local environment.
2. Keep the fans running after applying the final coat of PENETRANT to expedite drying.
3. Clean all equipment with water.

### GENERAL INFORMATION

**Coverage:** One gallon of PENETRANT will provide coverage of approximately 200 sq ft.

**Storage and Handling:** Store in a cool dry area out of direct sunlight. Must be kept in tightly secured containers to prevent evaporation and contamination.

PENETRANT MUST be protected from freezing. Product that has frozen will not function as intended, and should be discarded.

**Availability:** PENETRANT is available from SINAK Corporation and through certified applicators.

**Composition and Materials:** Penetrant is a water-based liquid containing lithium silicate with a proprietary formula in solution. Specific Gravity: 1.1; Net Weight per Gal: 9.2 lbs; Solids Content (by volume): 12.5%; Flash Point: none; Toxicity: non-toxic; VOC: contains no volatile organic compounds or solvents.

### WARRANTY

Refer to VECT-R System Warranty.





# VECT-R V-Poxy™

## Product Information Sheet

### PRODUCT DESCRIPTION

SINAK VECT-R V-POXY™ is a 100% solids primerless epoxy that is the second component of the SINAK VECT-R System™. It is designed to penetrate into substrates treated with VECT-R PENETRANT™ and will provide a durable film that will lower moisture vapor emission rates to 2 lbs or less in most cases and less than 3 lbs in all cases. VECT-R V-POXY is excellent for protecting flooring, coatings and other surface treatments that are sensitive to high in situ relative humidity conditions. Should a cementitious surface be required prior to placement of flooring or coatings, VECT-R INTERLOCK™ is recommended.

### PREPARATION

**Tools and Equipment:** Extension cords, gloves, dry-wall knife (12"), measuring containers, mixing container, mixing motor, mixing paddle, empty pails, rags, 9" or 18" rollers, roller handle, and squeegee with 1/8" V-notch.

**Surface Preparation:** Vacuum or sweep up loose dirt, dust, and debris. In most cases, applications over VECT-R Penetrant treated surfaces require no additional preparation.

**General Preparation:** Should V-POXY mixture get on surfaces unintentionally, remove IMMEDIATELY with appropriate solvents. If allowed to harden, removal may not be possible without damaging the surface. For more information, contact SINAK Corporation.

### PRECAUTIONS

Be sure to test compatibility of floorings and coatings that are to be applied directly over V-POXY. Follow the flooring or coating manufacturer's recommendations for installation over low to non-permeable surfaces. Mixed product that remains in volume can quickly (within 15-20 minutes) begin to smoke. Should this occur, immediately move the container outdoors and handle with care.

### MIXING

- ▶ 1 part V-POXY "A" (resin)
- ▶ 1 part V-POXY "B" (hardener)

Add part "B" to part "A". Mix for 2 – 3 minutes at a slow speed to minimize entrapped air. Mix only as much product as can be comfortably placed in 20 minutes.

### APPLICATION

Empty entire mixed contents onto surface and spread with an 1/8" notched squeegee. Do not allow mixed material to remain in the container. Back roll using 9" or 18" rollers to ensure V-POXY is spread evenly over the surface. Use a dry-wall knife for corners or hard to reach areas. Spread rate shall be a minimum of 200 sq ft per gallon.

**Cure Time:** Allow to dry for a minimum of 4 hours or until there is no transfer. Installation of INTERLOCK or flooring/coatings may then commence.

### GENERAL INFORMATION

**Coverage:** One gallon of V-POXY will provide mixture for 1 coat coverage of approximately 200 sq ft.

**Storage and Handling:** Store in a cool dry area out of direct sunlight. Must be kept in tightly secured containers to prevent evaporation and contamination.

V-POXY must be protected from freezing. Product that has frozen will not function as intended and should be discarded.

**Availability:** V-POXY is available from SINAK Corporation and through certified applicators.

**Composition and Material:** V-POXY is 100% solids; Flash Point: none; Toxicity: non-toxic; Odor: slight; VOC: contains no volatile organic compounds or solvents.

### WARRANTY

Refer to VECT-R System Warranty.

Form 151101

