

# TECHNICAL DATA



## LMK Vac-A-Tee® MODIFIED EPOXY ADHESIVE

### 1. PRODUCT DESCRIPTION:

LMK Vac-A-Tee® Adhesive is an all-purpose, modified epoxy that provides excellent bonding, sealing tensile, peel and shear strength.

Exhibits superior adhesion and flexibility to a wide variety of substrates including: vitrified clay, ceramics, concrete, PVC, wood, composites, FRP and cast iron without the use of a primer. LMK Vac-A-Tee® adhesive has a user-friendly and forgiving 1:1 by volume mix ratio. Working time is not seriously affected by ambient temperatures. Light stable and highly UV resistant. LMK Vac-A-Tee® Adhesive outperforms most "brittle" 2-component systems by retaining high peel strength and flexibility through a wide temperature range. LMK Vac-A-Tee® Adhesive is designed for a minimum 50-year service life.

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### 2. TECHNICAL DATA:

Specific Gravity	1.315
Color	Gray
Viscosity (cps) *Brookfield Helipath T-E @ 5 rpms, 72°F	160,000
Pot Life (hours)	12
Open Time (in minutes)	30
Ultimate Peel Strength *Per ASTM D1781-93 Standard Test Method for Climbing Drum Peel for Adhesives	50 pli
Tensile Strength	825 psi
Lap Shear	750 psi
Elongation	100%

LMK Enterprises, Inc.  
1779 Chessie Lane, Ottawa, IL 61350  
Ph: 815.433.1275 F: 815.433.0107  
[www.performanceliner.com](http://www.performanceliner.com)

High Temperature Resistance

UP to 400°F for short periods

Low Temperature Flexibility

Properties retained to - 75°F

Shore A

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**3. COLORS:**

Light Gray

**4. PACKAGING:**

400mL; 5 gallon pails; 55 gallon drums.

**5. SURFACE PREPARATION:**

Apply to clean, wet surfaces free of contaminants that can adversely affect adhesion.

**6. PAINTING:**

Cured product may be painted with most industrial & consumer paints.

Testing prior to painting is recommended.

**7. STORAGE LIFE:**

Six months in unopened containers at temperatures not exceeding 80°F.

**8. PRECAUTIONS:**

Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See MSDS for additional information. KEEP OUT OF REACH OF CHILDREN.

**9. TECHNICAL SERVICE:**

LMK technical representatives are always available to provide assistance. Please contact our Technical Service Department with your questions or requests for specific applications.

**10. LIMITED WARRANTY:**

Any goods proved defective will be replaced or the purchase price refunded. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks of the product's use, handling and storage.

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