

## Epoxy Primer & Lubricating Adhesive

### DESCRIPTION:

**RepPoxy PA** is a two component, low odor, low viscosity, fast setting, epoxy primer with unique penetrating characteristics. It is designed to enhance the adhesion between substrates & topcoats, seal porous surfaces to prevent pinholes, and perform as a lubricating adhesive for foam and rubber joints. This primer can be used on concrete, steel, plywood and in heavy traffic areas. Use for indoor or outdoor applications.

### FEATURES:

- New as well as old concrete surfaces
- 100% Solids, Solvent Free
- Excellent Adhesion, Low Odor, Low Viscosity
- High-load bearing capacity
- Resists the effects of freeze-thaw cycling
- Excellent water repellency
- Chemical & Impact Resistant
- Fast drying in any temperatures
- New as well as old concrete surfaces

### USES:

- Bridge Headers and Concrete Nosings
- Airfield & Highway Pavement Repairs
- Concrete & Masonry Surfaces
- Glass, Reinforced Plastics, Plywood
- Polyurethane Coatings

### TECHNICAL DATA:

Exceeds ASTM C881 Type III (Mortar)  
Meets: TxDot DMS- 6140 Type I Polymer Concrete

### COVERAGE GUIDE:

300 sf per gallon

### PREPARATION:

All surface contamination must be removed by mechanical means, creating a surface profile of exposed sound aggregate that will provide a strong bond surface for the **RepPoxy PA**. It is recommended to profile surface according to ICRI Guide 03732 to a minimum of CSP 3 by using **PrepEtch** or abrasive blasting. Apply **Rust Rehab** permanent rust converter to any exposed steel. Precondition the **RepPoxy PA** to 72 degrees for 24 hours for best results. **RepPoxy PA** may be heated up to 100°F to speed cure at colder temperatures. It is recommended to condition all components when the temperature is below 50°F.

### MIXING:

**RepPoxy PA** Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. The volume mixing ratio is 1 part Side-A to 1 part Side-B (1A:1B). The combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 3 minutes if mixed by hand. DO NOT THIN or add any solvents or other aggregates prior to mixing. Mix per instructions and in the prescribed order on the pail and TDS.

### PLACEMENT:

**RepPoxy PA** should be applied at the rate of 1 gallon (mixture of Side-A & Side-B) in an even and puddle-free application per 300 sqft or 300 sqft/gallon (0.14 liters/sqm). It can be applied using an airless sprayer, brush, or phenolic-resin-core roller. Coverage rates and cure times will vary depending on temperature, relative humidity, surface roughness and porosity, and application technique. Coverage rates provided are optimal and are not guaranteed.

### Mortar Placement:

Allow **RepPoxy PA** to become thumbprint-tack free before applying the **RepPoxy HM, SP** or any other polymer mortars or cementitious repair products. The blended batch should be applied to the surface in 5-10 minutes. Once spread out, working time will be approximately ½ hour depending upon temperature. It is extremely important that the material be thoroughly compacted.

### Expansion Joints:

Lubricate both sides and install immediately. Contact **TuffTex** for all questions regarding material installations and compatibility.

### CURING/DRYING TIME:

High temperatures and high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of Please read all information in the General & Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material.

### CLEAN UP:

All tools, other application or mixing equipment must be cleaned at frequent intervals and while **RepPoxy HM** remains soft and uncured. Clean with **TuffTex RepSolv-X**, or local approved solvent.

**PACKAGING:**

1 Quart, 1 Gallon & 5 Gallon kits are available.

**COLOR:**

Amber

**STORAGE:**

The material should be stored between 40°-90°F (5°-33°C) in a cool, dry area away from direct sunlight. For best results, condition material to 65°- 85°F before using.

**SHELF LIFE:**

Shelf life of properly stored, unopened containers is 12 months.

**CAUTION:****READ SDS PRIOR TO USING PRODUCT**

Use with adequate ventilation. Wear protective clothing, gloves and eye protection. (Goggles, Safety Glasses and/or Face Shield) Keep out of the reach of children.

Do not take internally. In case of ingestion, seek medical help immediately. May cause skin irritation upon contact, especially if prolonged or repeated exposure. If skin contact occurs, wash immediately with soap and water and seek medical help as needed. If eye contact occurs, flush immediately with clean water and seek medical help as needed. Dispose of waste material in accordance with federal, state and local requirements. Cured resins are Innocuous. Dispose of waste material in accordance with federal, state and local requirements.

**WARRANTY:**

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either **TuffTex Materials** or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.

**DISCLAIMER:**

Refer to the MSDS sheet before use. The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of **TuffTex Materials**. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Published technical data and instructions are subject to change without notice. Contact your local Nova-Tuff distributor or technical representative for additional technical data and instructions.