



# Rhino Mastic Epoxy

## Product Data

### PRODUCT DESCRIPTION

**RHINO MASTIC EPOXY** is a surface tolerant epoxy coating that forms a tight bond with the substrate and sets to a hard finish. It offers excellent adhesion and protection to clean steel, rusted steel, concrete, weathered galvanized surfaces and most existing cured coatings. **RHINO MASTIC EPOXY** does not require costly sandblasting prior to application.

### PRODUCT USES

**RHINO MASTIC EPOXY** provides long term protection to unpainted or previously painted steel and concrete surfaces. It is ideal for steel beams, piping, tanks, bridges and structural steel, among other varied applications.

**RHINO MASTIC EPOXY** may be used as a single coat primer or multiple coats may be applied to build thickness. A top coat, such as **RHINO URETHANE**, is necessary for exterior use and UV exposure.

### PERFORMANCE

<b>HARDNESS</b>	ASTM D 336	4H
<b>SALT SPRAY</b>	ASTM B 117	1,000 hrs, no effect
<b>ADHESION: ROLLED STEEL</b>	ASTM D 3359	5 (no failure)
<b>ADHESION: RUSTED STEEL</b>	ASTM D 3359	5 (no failure)
<b>ADHESION: RUSTED ALKYD COATING</b>	ASTM D 3359	5 (no failure)

### SURFACE PREPARATION

Remove loose rust scale and poorly adhered existing paint using water blast and/or power tools. Remove existing oil and grease with solvent cleaning. For severe industrial exposure, brush off blast cleaning is recommended. A clean, dry, tight surface is required for coating application. Creating a test patch over existing coating is recommended before proceeding with installation.

### APPLICATION PROCEDURE

**ROLLING:** Use a lambs wool cover for rolling

**BRUSH:** Use natural bristle brush

**AIRLESS SPRAY:** Use .015 tip; 30:1 pump ratio at 80-100 PSI operating pressure. No thinning is required

**WET MIL THICKNESS:** 4.1-9.6 mils per coat

**DRY MIL THICKNESS:** 3-7.0 mils per coat

**POT LIFE:** 3 hours at 90°F

**BLEND RATIO:** 1:1; combine one Part A to one Part B. Mix thoroughly and let rest 15 minutes prior to application.

**CLIMATE:** Use this product only if the substrate temperature and ambient air temperature is above 45°F and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dew point for a period of at least two hours after application to avoid condensation occurring on wet paint.

**DRY TIME:** 18 hours at 80°F to recoat, 48 hours or second day at 45°F to 55°F; 24 hours or overnight above 55°F. Note: Lower temperature, higher film build, and/or poor ventilation will retard dry time.

### TECHNICAL DATA

<b>SOLID BY WEIGHT</b>	86% +/- 1%
<b>SOLID BY VOLUME</b>	73% +/- 1%
<b>V.O.C.'S (averages)</b>	<240 grams/Liter
<b>GALLON WEIGHT</b>	13.5 lbs +/- .4 lbs

### SAFETY DATA

See product label for safety and health information. SDS sheets are available upon request.