

Primer 101 Part A – Part # 50502

Primer 101 Part B – Part # 50512

DESCRIPTION: Primer 101 is a 1:1 ratio, two-component, 100% solids (no solvents), zero VOCs, flexible, epoxy primer and sealing material for wood and concrete.

FEATURES & BENEFITS:

- Ability to be applied by roller or brush
- Excellent moisture tolerance
- Good flexibility – withstands mechanical stresses where the lining is subject to impact
- Low viscosity – easy to process
- 100% solids, zero VOCs, no solvents

RECOMMENDED SUBSTRATES: Concrete and wood

USAGE GUIDELINES:

- Ensure that the surface to be primed is dry and clean – free of dirt, oil and other contaminants. The surface should have a profile.
- Recommended substrate temperature is 50° – 90°F (10° – 32°C)
- Pre-mix each side prior to use.
- Mix ratio = 1 parts by volume (PBV) of resin to 1 (PBV) of hardener. Use a low speed mixer (200 to 400 RPM) for 3 minutes or hand mix with paint stick for 5 minutes. Over mixing can cause premature gelling of material. The gallon kit is pre- filled to the correct ratio.
- Only mix the amount that can be applied in 30 minutes or less and pour out immediately. Do not leave a mixed mass of material in a container as it can cure in 10 min. or less. Coverage will vary depending on the porosity and profile of the substrate. Do not dispose of cured mixed material in containers until cool.
- Apply lining material over the primer within 6 – 24 hours of primer application. Ideally, lining should be applied when primer is dry to the touch to ensure a good chemical bond between primer and lining. If longer than 24 hours surface should be lightly sanded or wiped with solvent.
- Primer 101 covers 350 – 400 sq. ft. per gallon at 3 – 5 mils DFT.

OTHER USES:

- Patch Filler Compound - Primer 101 can be used as a patch and filler by adding 4 parts by volume dry sand to 1 part by volume mixed 101.
- Adhesion Promoter - To improve the bond of your lining material to a substrate primed with 101 you can broadcast dry sand or aggregate into the primer before it cures. This addition of aggregate provides a mechanical bond by increasing surface area.

POT LIFE & CURE TIME:

Pot Life:	10 minutes @ 70°F for a 1 quart kit; can be extended by adding 5% acetone
Tack Free Time:	3 – 5 mils 90 – 120 minutes @ 60°F (16°C)
	60 – 90 minutes @ 90°F (32°C)

STORAGE & SHELF LIFE: Hardener: Twelve months, unopened; stored properly. Resin: Twelve months, unopened, stored properly. Store in sealed containers at 70 – 90° F (21° – 32°C)

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)

This chemical system requires the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors.

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PRIMER 101 *(continued)*:

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