

**DESCRIPTION:** DuraTite® Prime 2100 is provided is a two component, 1 to 1 ratio, water-based epoxy primer. Adheres well to most metals, organic polymers, wood, masonry and vitreous surfaces. This primer may also be used as masonry block filler. Do not use on copper or silver.

**TYPICAL USES:**

- Commercial and industrial roof primer
- Primer for acrylic coatings

**FEATURES & BENEFITS:**

- Easy and convenient to apply
- Fast drying
- Can be applied with airless sprayer, brush or roller

<b>CHEMICAL PROPERTIES:</b>	<b>Test</b>	<b>Result</b>
Solids by Volume	ASTM D-2697	42.5% ± 2
Solids by Weight	ASTM D-1353	60% ± 2
VOCs		< 55 g/l
Dry to Touch		1 hour*
Cure Time		24 hours
Theoretical Coverage		100 - 400 sqft/gal dependant on substrate
Flash Point		>212°F (100°C)
Color		medium grey
Shelf Life - Unopened Containers		12 months between 45°F. and 75°F

\*Dry and cure times are dependent upon mil thickness, temperature and humidity.

**PROCESS TEMPERATURE AND ENVIRONMENT CONDITIONS:** Do not apply DuraTite® Prime 2100 to surfaces, which are below 50°F or above 130°F unless special instructions are secured from Rhino Linings Corporation. Do not apply when it is raining or if the threat of rain exists. Also, do not apply when the dew point is less than 5°F above ambient temperature.

**PREPARATION:** Surface to receive coating must be clean, smooth, dry, and paintable. Any debris, gravel, dust, and silt must be removed prior to application.

It is very important that this product is not used when weather conditions are below 50°F, or when there is a chance that temperatures could fall below 32°F within a 24 hour period after application. We also do not recommend application of this product if rain or dew is likely to occur before curing of product.

**MIXING INSTRUCTIONS:** The two components are packaged in the correct proportions (1 part by volume of Part A to 1 part by volume of Part B). **MIX each A & B component individually. Avoid OVER MIXING “B-Side”! Only mix until you reach a uniform consistency!** Then combine equal amounts of A & B and mix thoroughly. Power mixing is recommended. Part A is a slurry liquid, with settling properties. Part B is a viscous liquid. When combined the resulting product becomes a thixotropic easy spreading suspension. Do not use material that has been mixed for 4 hours or more.

**APPLICATION INSTRUCTIONS:** DuraTite® Prime 2100 may be sprayed, brushed, or rolled. Use long nap (3/4" to 1") rollers when DuraTite® Prime 2100 is used as block filler for porous concrete. If blowholes form as the primer dries make second pass with a relatively dry roller. Allow 8 to 10 minutes between passes. Brush well into rusted areas. DuraTite® Prime 2100 Part A is White and Part B is Black to Dark Grey, combined the product is Medium Grey. Most coatings can be applied over DuraTite® Prime 2100 as soon as it is thoroughly set. This degree of dryness is normally achieved 2 to 3 hours after application (dependent upon temperature and humidity) and can be recoated for up to 7 days. Best adhesion is achieved in 1 to 3 days. After 7 days surface must be cleaned and re-primed prior to coating application.

Before applying a subsequent coat, the previous coat must be completely dry and cured. If any contamination of a thoroughly cured surface occurs, it must be washed with a chemical cleaner before applying subsequent coats. Coating must be extended beyond the substrate to create a self-terminating flashing. Consult Rhino Linings Corporation for recommended dry film thickness.

(continued)

**DURATITE® 1045MP** (continued):

**NOT RECOMMENDED FOR:** Do not apply to surfaces that are above 130 °F unless special instructions are secured from CFS. - Not for continual submersion in liquid.

**SUBSTRATES:** Most metals, organic polymers, wood, masonry and vitreous surfaces. This primer may also be used as masonry block filler. **Do not use on copper or silver.**

**HOW SUPPLIED:** DuraTite® Prime 2100 is available in 10-gallon kits. A and B packaged separately - 5 gallons each. A-Side: 5 Gal (18.9 Liter) Class 55, B-Side: 5 Gal (18.9 Liter) Class 55, D. O. T. Classification: Roof Coating, Not Regulated. DuraTite® Prime 2100 Part #: DTP2100 A-P & DTP2100 B-P.

**STORAGE:** DuraTite® Prime 2100 should be stored between 45 – 75°F (1.7 – 23.9°C). Protect from Freezing in Shipment & Storage. It will freeze if subject to temperatures below 32°F (0°C). Non-flammable.

**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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