

## Alkyd Primer Coating

### Features

- Inhibitive pigmented primer
- Single package
- Fast dry
- VOC compliant
- Extended recoat windows
- Brushable and rollable
- Excellent wetting and adhesion properties
- Flexible film

### Typical Uses

MultiGrip 7000 is used as a primer for alkyd finishes where a single package, easy to use product is desired. Ideal product for steel exposed in noncorrosive atmospheres. Used on structural steel, steel tanks, barges, refineries, petrochemical plants, power plants, railcars, pulp & paper mills, and others as recommended.

### Physical Data

Temperature resistance (non-immersion)	
Continuous	250°F
Non-continuous	300°F
<b>Theoretical volume solids content of mixed material</b>	<b>60%±1%</b>
<b>Theoretical coverage of mixed gallon (1 mil)</b>	<b>962 sq. ft</b>
<b>Volatile Organic Content</b>	
Unthinned	2.7 lbs./gal.
Reducer 3 @ 1 pint/gal.	3.1 lbs./gal.

### Resistance

MultiGrip 7000 is resistant to a wide range of mild chemical fumes in atmospheric exposures. MultiGrip 7000 is not normally recommended for immersion service. The following is a guide to the proper selection.

<u>Exposure</u>	<u>Splash &amp; Spillage</u>	<u>Fumes</u>
Acidic	Poor	Fair
Alkaline	Poor	Fair
Solvents	Poor	Fair
Salt water	Good	Excellent
Water	Good	Excellent

### Film Thickness (per coat)

**Dry film thickness: 2 mils**

**Wet film thickness: 3 to 5 mils**

**Theoretical Coverage: 481 sq. ft. @ 2 mils**

Note: One coat is normally required; however, certain colors may require additional coats for hiding.

### Primer

MultiGrip 7000 is normally applied directly to the steel surface and does not require a primer.

### Topcoats

MultiGrip 7000 is normally topcoated with an alkyd finish such as MultiGrip 7200.

### Colors

MultiGrip 7000 is available in red. Custom colors are available for special orders.

### Shipping Data

Packaging unit	<u>1 gal.</u>	<u>5 gal.</u>
Shipping weight (approx.)	14 lbs.	70 lbs.
	<u>1 gal.</u>	<u>5 gal.</u>
Reducer 3	9 lbs.	45 lbs.

Flash Point: (Setaflash)

MultiGrip 7200 103°F

Reducer 3 78°F

Shelf Life: 3 years when stored inside at 40°F to 110°F.

# MultiGrip 7000 Product Data Sheet

## Surface Preparation

Remove oil and grease from the surface with solvent or a commercial cleaner, which does not leave a residue according to SSPC-SP1. The minimal surface preparation is Hand Tool cleaning per SSPC-SP 2 or Power Tool cleaning per SSPC-SP3.

## Mixing

Power mix until uniform. then thin as required.

## Thinning

Reducer 3 is recommended up to one pint per gallon.

## Pot Life

MultiGrip 7000 is a single package product and can be used once the container is opened and mixed. However, once exposed to the air, a skin can develop on the surface of the paint.

## Applications Conditions

	<u>Material</u>	<u>Surface</u>	<u>Ambient</u>
Minimum	50°F	35°F	35°F
Maximum	90°F	110°F	110°F

Special thinning and application procedures are required outside these temperatures. Surface temperatures should be 5°F above dew point to prevent condensation, which may dull the finish.

## Application Equipment

Conventional Spray: Industrial sprayers such as DeVilbiss MBC or JGA and Binks 18 or 62 having double regulated pressure pot, 3/8" I.D. minimum material hose and a .070" I.D. fluid tip and air cap are recommended.

Airless Spray: Sprayer such as Graco's Bulldog with a 30:1 ratio and a .013" to .017" tip is recommended. A 60 mesh inline filter is recommended.

Power Mixer: Use only explosion proof power mixers.

Brush or Roller: Use medium brush and short nap roller with solvent resistant fibers and core.

## Drying Time

The following minimum times are based on a 2 mil DFT and adequate air ventilation. Higher thickness and reduced air circulation increase drying times.

<u>Surface Temperature</u>	<u>To Touch</u>	<u>To Handle/Recoat</u>
50°F	16 hrs.	48 hrs.
60°F	8 hrs.	36 hrs.
70°F	4 hrs.	24 hrs.
80°F	2 hrs.	18 hrs.
90°F	1 hr.	12 hrs.

## Maximum Recoat

MultiGrip 7000 is formulated to provide maximum bond strength between coats after weathering. Consequently, there is no time limitation regarding the maximum cure of MultiGrip 7000 prior to recoating with itself. However, the aged coating must be clean and free of chalk.

## Cleanup

Cleanup with Reducer 3.

2/4/10  
CAUTION: Read and follow all caution statements on this product data sheet and on the Material Safety Data Sheet for this product.  
CONTAINS FLAMMABLE SOLVENTS. Vapors are heavier than air and will accumulate. Extinguish all flames and prevent all sparks. All electrical equipment and installations should be made and grounded in accordance with the National Electrical Code. Where explosion hazards exist workers are required to use non-sparking tools and wear non-sparking shoes.  
HEALTH: In confined spaces workers must wear fresh airline respirators.  
WARRANTY: Any recommendation of U.S. Coatings contained herein, covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however U.S. Coatings makes no warranty or representation with respect thereto. Use or application is at the discretion of the Buyer without liability or obligation whatsoever of U.S. Coatings.