



Head Office  
 Red Deer, Alberta  
 Phone: 403-314-2221  
 Fax: 403-314-2226  
 Web Site: www.hpc.ca

# 1100 Fast Dry Red Oxide Non Lift Primer

## Material Description

A general purpose, non-lifting, quick drying primer offering corrosion protection in mildly corrosive atmospheres.

## Intended Applications

For use on Structural steel, plate stock, tanks, and iron. May be top coated with SPEED or INDUSTRIAL Enamel.

<b>Colors Available</b>	<b>Finish</b>
Red Iron Oxide	Flat

## Physical Properties

<b>Resin System</b>	<b>Pigment System</b>
Phenolic Modified alkyd	Red iron oxide

<b>Solvent System</b>	<b>Packaged Viscosity</b>
Aliphatic and aromatic hydrocarbons	67 +/- 5" Ford #4 @25C

<b>Solids by Weight</b>	<b>Solids by Volume</b>
62.7 +/- 2%	39.4 +/- 2%

<b>Theoretical Coverage</b>	<b>Total VOC</b>
165.3 sq ft/L	513 g/L

<b>Wet Film Thickness</b>	<b>Dry Film Thickness</b>	<b>Specific Gravity</b>
2.5 - 3.8 mils	1.0 - 1.5 mils	1.377

<b>Dry to Touch *</b>	<b>Dry to Handle *</b>	<b>Dry to Recoat *</b>
10 - 15 minutes	25 - 45 minutes	25 to 30 minutes

<b>Coats Required</b>	<b>Components</b>	<b>Pot Life Hours</b>
1-2	1	N/A

<b>Recommended Thinners</b>	<b>Use With</b>
Xylene or TS-28 Slow Reducer	5000 and 8000 series enamels

**Additional Application Notes**  
 \* Times listed are at 25°C. Temperature and humidity will affect dry and recoat times.



Head Office  
 Red Deer, Alberta  
 Phone: 403-314-2221  
 Fax: 403-314-2226  
 Web Site: www.hpc.ca

# 1100 Fast Dry Red Oxide Non Lift Primer

## Required Surface Preparation and Application Parameters

<b>Surface Preparation</b>	Surfaces must be free of dirt, grease, and oil. Steel surfaces must be thoroughly cleaned and preferably sandblasted to a SSPC-6 commercial blast.		
<b>Atmospheric Conditions</b>	Surface and product temperatures must be at least 10 deg C (50 F) and at least 3 deg C (5F) above dew point. Apply in dry weather when relative humidity is less than 85%.		
<b>Blend Ratio</b>	N/A		<b>Induction Period</b>
<b>Reduction</b>	Airless (5-10%) / A.A. Airless (10-20%)		
<b>Application Viscosity</b>	Airless (28" Z #2) / A.A. Airless (24" Z #2)		
<b>Force Cure</b>	15 min flashoff followed by a 30 minute force at 60 degrees celsius		
<b>Airless Pressure</b>	1400-2000 PSI min at tip	<b>Airless Tip Size</b>	0.009" - 0.013"
<b>AA Airless Pressure</b>	850 PSI min at tip	<b>AA Airless Tip Size</b>	0.009" - 0.013"
<b>AA Airless Air Pressure</b>	30 - 60 PSI		
<b>Conventional Spray</b>			
<b>Brush</b>	N/A	<b>Roller</b>	N/A
<b>Procedure Part 1</b>	Rinse all equipment with thinner prior to and immediately following application.		
<b>Procedure Part 2</b>	When application is made by airless or air assisted airless, use and inbound pressure approx. 10-15 lbs above the level at which "fingering"		
<b>Procedure Part 3</b>	Special attention should be given to all edges, pits, welds, corners, rivets and other rough spots to insure complete coverage.		

## Additional Information

<b>Package Sizes</b>	3.78 litre, 18.9 litres, 205 litres
<b>Safety Information</b>	See label precautions and MSDS.

Date Issued 20/04/2004      Supersedes 11/26/03

The above information is given in good faith and to the best of our knowledge. Every reasonable precaution is taken in the manufacture of all products and compilation of data to ensure that they are consistent with the Manufacturer's standards. As the effectiveness of each product depends, in part, on correct methods of use and application, and since the conditions of the surface, application and method of use are beyond our control, no guarantee of such products or this data is made or implied by this. By virtue of this disclosure, it is the responsibility of the buyer to satisfy itself of the suitability of the goods for its own particular process and it will be deemed to have done so by virtue of accepting the goods on this understanding.