



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

1450 HPC Tank Primer Grey

Material Description

An industrial primer, offering corrosion protection in mildly corrosive atmospheres.

Intended Applications

For use on tanks and large equipment. May be top coated with SPEED or INDUSTRIAL Enamel.

Colors Available
Grey

Finish
Flat

Physical Properties

Resin System
Modified Alkyd

Pigment System
Titanium dioxide, yellow oxide, and carbon black

Solvent System
Aliphatic and aromatic hydrocarbons

Packaged Viscosity
7.0+/- 0.5 Poise @ 25C

Solids by Weight
62.2 + / - 2.0%

Solids by Volume
38.8 + / - 2.0%

Theoretical Coverage
164 sq ft/L

Total VOC
471 g/L

Wet Film Thickness
3.9 - 5.1 mils

Dry Film Thickness
1.5 - 2.0 mils

Specific Gravity
1.247

Dry to Touch *
1.5 hours

Dry to Handle *
6 hours

Dry to Recoat *
2 hours

Coats Required
1-2

Components
1

Pot Life Hours
N/A

Recommended Thinners
Xylene or TS-28 Slow Reducer

Use With
5000 and 8000 series enamels

Additional Application Notes

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



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Required Surface Preparation and Application Parameters

Surface Preparation	Surfaces must be free of dirt, grease, and oil. Steel surfaces must be thoroughly cleaned and preferably sandblasted to a SSPC-6 commercial blast.		
Atmospheric Conditions	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%.		
Blend Ratio	N/A		Induction Period
Reduction	Airless (5-10%) / A.A. Airless (10-20%)		
Application Viscosity	Airless (28" Z #2) / A.A. Airless (24" Z #2)		
Force Cure	30 min @ 70 deg C (160F) after 15 min flash off		
Airless Pressure	1400-2000 PSI min at tip	Airless Tip Size	0.009" - 0.013"
AA Airless Pressure	850 PSI min at tip	AA Airless Tip Size	0.009" - 0.013"
AA Airless Air Pressure	30 - 60 PSI		
Conventional Spray			
Brush	Polyester or nylon	Roller	Short nap
Procedure Part 1	Rinse all equipment with thinner prior to and after application		
Procedure Part 2	When application is made by airless or air assisted airless, use and inbound pressure approx. 10-15 lbs above the level at which "fingering"		
Procedure Part 3	Special attention should be given to all edges, pits, welds, corners, rivets and other rough spots to insure complete coverage.		

Additional Information

Package Sizes	3.78 litres, 18.9 litres, 180 litres, 205 litres
Safety Information	See label precautions and MSDS.

Date Issued 20/04/2004 Supersedes new issue

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.