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4050 Waterborne Shop Primer

Material Description

A high quality modified acrylic vehicle with anti-corrosive pigments.

Intended Applications

A fast drying, high quality interior / exterior anti-corrosive waterborne primer for iron and steel subjected moderate corrosive environments. Recommended for structural steel, piping and equipment in industrial and commercial settings.

Colors Available	Finish
Standard colors: 60-134 (Red) and 60-162 (Grey)	Low Sheen

Physical Properties

Resin System	Pigment System	
	N/A	
Solvent System	Packaged Viscosity	
Water	N/A	
Solids by Weight	Solids by Volume	
45%	33%	
Theoretical Coverage	Total VOC	
25-33 m ² /3.7L (270-360 ft ² /3.7L)	275 gms/L Depending on Color	
Wet Film Thickness	Dry Film Thickness	Specific Gravity
4 - 6 mils	13 mils	1.2
Dry to Touch *	Dry to Handle *	Dry to Recoat *
30 minutes	1-2 hours	4 hours (Takes 28 days to fully cure)
Coats Required	Components	Pot Life Hours
1-2 at recommended coverage	N/A	N/A
Recommended Thinners	Use With	
Not normally req'd. Up to 5% water if needed for spraying	N/A	

Additional Application Notes
 Dry times quoted at 21°C / 70°F and 40%-60% R.H. Temperature and humidity will affect dry and recoat times.

Date Issued	30/04/2011	Supersedes	30/05/2010
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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.



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Required Surface Preparation and Application Parameters

Surface Preparation	New and weathered surfaces must be clean, dry and free from dust, grease, mildew and wax. Clean to SSPC - SP2 or SP3 hand or power tool cleaning to remove loose rust, mill scale and grease. For exterior exposure blast clean to SSPC-SP6.		
Atmospheric Conditions			
Blend Ratio	Induction Period		
N/A	N/A		
Reduction	As required. Clean-up with water. (Acetone may be req'd if product is dried)		
Application Viscosity	N/A		
Force Cure	N/A		
Airless Pressure	Adjust pressure as req'd	Airless Tip Size	.013 - .017
AA Airless Pressure	Adjust pressure as req'd	AA Airless Tip Size	
AA Airless Air Pressure	Adjust pressure as req'd		
Conventional Spray	May be applied by conventional or airless spray		
Brush	Yes	Roller	Yes
Procedure Part 1	Plain steel welded with standard steel is subject to flash rusting along the		
Procedure Part 2	seams due to the remains of acid flux and the difference in electrochemical potential between the weld and steel plate. This may be overcome by using a more corrosion resistant welding alloy or by applying a very light stripe coat of primer to the weld seam and allowing a quick tack free dry before applying the full coat.		
Procedure Part 3	Test strong solvent topcoats - Lifting may occur. Recommended topcoats are 16-Line S/P Urethane, 15-Line Envirogard, Architectural Finishes.		

Additional Information

Package Sizes	
Safety Information	See Material Safety Data Sheet for complete Health and Safety information.

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