

GENERAL INFORMATION

1-187 1K Etch Primer is a single component epoxy etching primer/pre-treatment which provides excellent resistance to corrosion. 1-187 1K Etch Primer is designed to promote adhesion over ferrous, and non-ferrous metal.

MIXING RATIO



4 : 1 Etch Primer : Uni Thinner

GUN SET UP



APPLICATION



1 - 2 coat 10 - 20 m (0,4-0,8 mil)

Allow 5 minutes to flash off between coats untill the surface has dried completely matt.

FLASH OFF AND DRY TIMES



20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	5 - 10 minutes	Flash off	5 - 10 minutes
Dust free	-	Dust free	-
Dry to handle	0,5 - 1 hour	Dry to handle	15 - 20 minutes
Dry to tape	-	Dry to tape	15 - 20 minutes
Dry to sand	-	Dry to sand	15 - 20 minutes
Dry to polish	-	Dry to polish	-

SUBSTRATES



Degreased and sanded new OEM parts. Sanded and degreased old layers. Steel, galvanized steel and aluminium.

POT LIFE AT 20°C / 68°F



COMPONENTS



1-141 Uni Thinner Fast 1-151 Uni Thinner Medium 1-161 Uni Thinner Slow

ADDITIVES



SURFACE PREPARATION



Thoroughly degrease to remove all oil, grease and other surface contaminants. Mild steel: remove all rust and any loose materials by wire brush or Mechanical Sander. Non-Ferrous Metals: Abrade using an abrasive pad or wet and dry sandpaper.



1.0EM finish abrade with P220-P240. 2.Substrate temperature should be at least 3°C above the dew point.

3.Relative humidity should not exceed 85%.

NEXT LAYER



All 2K Primers/Surfacers and MM 900 - 9999 WaterBase 900⁺ Series MM 500 - 5999 BeroBase 500 Series MM 2000 - 2099 BeroMix 2000 Series

Do not apply Wash Primer, Epoxy or DTM under or over 1-187 1K Etch Primer

PHYSICAL DATA

PHYSICAL DATA 1-187 1K ETCH PRIMER				
Chemical Base	Special resins mixed with modified epoxy			
Physical Properties	Viscosity (RTS)	17 - 18 Dincup 4 / 20°C		
	Specific Gravity (kg/l)	1.014		
	Flash Point Closed Cup	24,5°C / 76,1°F		
	Volume % Solids	15.8		
	Economy	5 m²/L/30 m		
		205 ft²/Gal/1.2 mil		
	Gloss	-		
	Colour	-		

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless valspar agrees otherwise in writing, valspar makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Valspar will not be liable for any special, incidental or consequential damages. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2012 The Valspar Corporation. All rights reserved.





PROTECTION

Use suitable respiratory protection (fresh air supply respirator is strongly recommended).



For more detailed information please visit the following link for the Safety Data Sheet:

https://sds.de-beer.com/en/debeer/choose_localization

CLEAN UP



1-051 Gun Cleaner

STORAGE/SHELF LIFE

Minimum 1 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).



The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless valspar agrees otherwise in writing, valspar makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Valspar will not be liable for any special, incidental or consequential damages. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2012 The Valspar Corporation. All rights reserved.

