

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



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HE	1,4-1,8	2/29

APPLICATION



1- 2 coat 10 - 20 µm (0,4-0,8 mil)

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

FLASH OFF AND DRY TIMES



	AIR DRY 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



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COMPONENTS



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

ADDITIVES



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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.OEM 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 m ² /L/30 µm	
		205 ft ² /Gal/1,2 mil	
	Gloss	-	
Colour	-		

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).



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