



Technical Data Sheet

METL-ETCH SELF ETCHING PRIMER

DESCRIPTION:

Metl-Etch is a unique, two-part, self-etching coating. It is designed to give maximum adhesion and corrosion resistance on all types of bare metal. Metl-Etch can be used on steel, aluminum and galvanized steel.

PRODUCT & ADDITIVES:

PRODUCT	ITEM #	SIZE
Metl-Etch Self Etching Primer	4001/4004	Gallon/Quart
Metl-Etch Slow Self Etching Reducer	4101/4104	Gallon/Quart

FEATURES:

- ◆ Easy 1:1 mix ratio
- ◆ Excellent corrosion resistance
- ◆ Superior adhesion
- ◆ Fast dry times

INSTRUCTIONS:

Shake Metl-Etch thoroughly before mixing.

GUN SETUP:



TYPE	FLUID TIP	SPRAYING PRESSURE
Conventional Gravity:	1.3 mm - 1.4 mm	35 - 45 psi @ gun
HVLP	1.3 mm - 1.4 mm	28 - 32 psi @ gun

MIXING:



Mix 1:1

1 part Metl-Etch

1 part Metl-Etch Reducer **NOTE: After Mixing, Allow 10-Minute Induction Period Required**

COMPATIBLE SUBSTRATES:

Properly prepared bare steel, galvanized steel, aluminum

Note: Do not apply under polyester primer surfacer or polyester fillers or glazing putties.

SURFACE PREPARATION:

Thoroughly clean area with Autokote Pre-Kleen or Autokote Final-Kleen.

SANDING:



Sand bare metal with 80-180 grit sandpaper to remove any rust and contaminants from metal surface. Finish sand with 180 grit sandpaper. Featheredge OEM paint. For optimum adhesion and corrosion protection, bare metal surfaces should be coated with Metl-Etch before applying urethane primer surfacer.

Metl-Etch can be primed without sanding. If Metl-Etch is not primed within 16 hours it should be sanded with 180-220 sandpaper.



Technical Data Sheet

METL-ETCH SELF ETCHING PRIMER

APPLICATION:



After the mandatory 10-minute Induction Period, apply 1-2 medium wet coats of Metl-Etch using a good quality spray gun with a 1.3 to 1.4 tip. Allow 10-15 minutes flash time between coats. Allow 15-20 minutes @ 70°F (21°C) air dry before priming. Total film thickness should be 0.5 to 0.75 mil.

TIPS:

0.5 mils dry film thickness is necessary for proper adhesion and corrosion protection.

Avoid application over reversible coatings such as lacquer paint or primer.

TECHNICAL DATA:



Color	Yellowish Green
Activator/Hardener	N/A
Reducer	4101/4104
Mix Ratio	1:1 (Then: 10-Minute Induction Period)
Pot Life	8 hrs. @72°F(22.2°C), 50% RH
Number of Coats	1-2
Recommended thickness	0.5 – 0.75 mils
Flash Time	10 – 15 minutes
Recoat	w/o sanding within 16 hours
Dry to Sand	60 mins. @70°F (21°C)
Gun Set Up	See table on page 1
V.O.C. Limits	6.5 lbs/gal (840 g/l)
Sprayable V.O.C.	6.3 lbs/gal (756 g/l)
% Solids Sprayable by Weight	12%
Coverage Sq. Ft. / gal @ 1mil*	104 sq. ft.
Package Size	Quart
Case Quantity	6
Shelf Life	12 months unopened

All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as Autokote Systems, LLC deems appropriate.