



SELF ETCHING PRIMER

TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

DESCRIPTION

Self Etching Primer provides excellent adhesion and corrosion resistance to properly prepped steel, aluminum and stainless steel.

FEATURES

- Excellent adhesion to steel, aluminum and stainless steel
- Quick drying
- 3 colors available – black, gray and green
- Packaged in gallons, quarts and aerosols
- VOC compliant

SUITABLE SUBSTRATES

- Bare steel
- Bare aluminum

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
39671	Self Etching Primer	Black	Gallon
39673	Self Etching Primer	Black	20 oz. Aerosol
39674	Self Etching Primer	Black	Quart
39681	Self Etching Primer	Gray	Gallon
39683	Self Etching Primer	Gray	20 oz. Aerosol
39684	Self Etching Primer	Gray	Quart
39691	Self Etching Primer	Green	Gallon
39693	Self Etching Primer	Green	20 oz. Aerosol
39694	Self Etching Primer	Green	Quart

RTS weight solids (Gallon/Quart):	18.5 – 20.9%
RTS volume solids (Gallon/Quart):	11.4 – 12.3%
Regulatory VOC (Gallon/Quart):	5.33-5.40 #/gal (639-648 g/l)
Actual VOC (Gallon/Quart):	1.9-2.2 #/gal (228-266 g/l)
MIR (Aerosol):	Category ABP <1.5
Recommended coats:	2-3
Top coat time:	10 - 20 minutes

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HANDLING AND APPLICATION

PREPARATION:

Clean surface thoroughly with **SEM Solve** or **XXX Universal Surface Cleaner**. Apply per directions. For overall refinishing, sand with 180 grit paper. For spot repairs, sand with 320 grit paper. Blow off and clean again with **SEM Solve** or **XXX Universal Surface Cleaner**.

APPLICATION:

Note:

Lifting may occur if too much **Self Etching Primer** is applied or if **Self Etching Primer** is painted over too soon. It is not recommended to apply color directly to **Self Etching Primer**. **Self Etching Primer** should only be applied to steel and aluminum.

AEROSOL

Agitate thoroughly before using.

Coats:	2 – 3 light coats (apply only enough to achieve hiding)
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Flash time:	5 – 10 minutes between coats
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Top coat time:	10 – 20 minutes
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Note:

If clogging develops, remove spray button with a twisting motion and clean with **XXX Universal Gun Cleaner** or material compliant with VOC regulations in your area. Do not stick pin or other object into can. Gently replace spray button with top of can and spray button pointed away from you.

After each use, turn can upside down and spray several seconds to clear spray tip.

QUARTS AND GALLONS

Shake or stir thoroughly before using. Do not thin. **Self Etching Primer** is ready to spray.

Air pressure:	8 – 10 psi at the cap with HVLP equipment
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	25 – 30 psi with non-HVLP equipment
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Fluid tip:	1.2 – 1.4
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Coats:	2 – 3 light coats (apply only enough to achieve hiding)
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Flash time:	5 – 10 minutes between coats
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Top coat time:	10 – 20 minutes
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CLEANUP:

Use appropriate cleaning materials compliant with VOC regulations in your area.

STORAGE:

Self Etching Primer should be stored in a cool, dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Self Etching Primer** is 3 years when stored under normal conditions.

RELATED PRODUCTS:

Part:	Product Name:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
77763	XXX Universal Gun Cleaner	20 oz. Aerosol
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart

Technical Consultation Service

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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 SEM deems appropriate.

Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.