

ECOBASE™ 5.5 Etch Prime

# SX1071

ONECHOICE® SX1071 Etch Prime is a 2 component 5.5 VOC acid etch primer specifically designed to provide excellent adhesion and corrosion resistance to properly prepared steel and aluminum while offering fast dry characteristics.

SX1071 with its catalyst SX1072 offers an enhanced level of corrosion protection to properly prepared substrates without the use of chromated pigments.



## Features & Benefits

- Fast dry formula
- Adhesion to most metal substrates
- Faster through put
- Fewer products needed
- Higher productivity
- Lower finishing costs
- Non-chrome formula
- Meets 6H ASR exemption requirements

## Compatible Surfaces

SX1071 Etch Prime can be applied over bare steel, aluminum, and galvanized metals after degreasing and sanding.

***SX1071 may be used for spot repairs involving existing cured OEM and refinish systems. Slight overlap of SX1071 onto painted surfaces and body filler is acceptable, but should be kept to a minimum.***

## Compatible Products

- DELTRON® 2 Component Undercoats
- GLOBAL REFINISH SYSTEM™ 2 Component Undercoats
- ENVIROBASE® High Performance 2 Component Undercoats
- AQUABASE® Plus 2 Component Undercoats
- NEXA AUTOCOLOR® 2K® Undercoats

***Note: When using SX1071 Etch Prime we recommend PPG brand primer surfacers and sealers, please refer to the products specific technical bulletin for proper application.***

- ***Do Not apply NCP250 surfacer or NCS sealer directly over SX1071 Etch Prime.***
- ***Do Not apply topcoats directly over SX1071 Etch Prime***
- ***Do Not apply polyester filler directly over SX1071 Etch Prime.***

## Directions for Use:

### Surface Preparation:



- In all cases, wash all surfaces to be painted with soap and water, then clean with the appropriate PPG cleaner. Ensure that the substrate is thoroughly cleaned and dried both before and after application work.
- Sand the bare metal areas completely with 80 - 180 grit abrasive.
- Wash off residue and dry thoroughly before re-cleaning with appropriate PPG cleaner. The use of a tack rag is recommended.
- Etch Prime aluminum substrate as soon as possible and no later than 8 hours after cleaning steps.
- Etch Prime carbon steel immediately after cleaning.

### Mix Ratio:



**SX1071 : SX1072**

**1 : 1**

**Viscosity:** 11 - 14 seconds DIN 4 @ 70°F (21°C)



**Pot life:** 24 hours at 70°F (21°C).

*Pot life is shortened as temperatures increase.*

### Spray Gun Set-up:



**Fluid Tip:** 1.3 - 1.5 mm

**HVLP:** 10 PSI at the cap

**Compliant:** 29 - 40 at the gun

**Note:** For best overall results, refer to spray gun manufacturer's recommendations for inlet air pressures.

### Application:



**Apply:** 2 medium coats

**Note:** Do not apply excessive film builds of SX1071 Etch Prime. Total film build (2 coats) should not exceed 1.0 mils. Film builds exceeding 1.0 mil will result in slow drying and may cause poor adhesion of the etch prime to itself, substrate and undercoat.

**Note:** If excessive films are applied, SX1071 must be sanded and removed after 1 hour at 70°F (21°C)

### Drying Times:



**Between coats:** 2 - 3 minutes

**Dry to Prime:** 15 minutes minimum at 70°F (21°C)

**Note:** SX1071 must be topcoated with a compatible surfacer or sealer before applying a topcoat. If left uncoated for more than 24 hours, lightly scuff and apply an additional coat.

**Do not apply color topcoats or clearcoats directly over SX1071**

### Equipment Cleaning:

Spray guns, gun cups, storage pots etc. should be cleaned thoroughly after each use with a compliant cleaning solvent.

## Technical Data

### Properties:

#### RTS Combinations:

#### SX1071 : SX1072

Volume Ratio	1 : 1
Applicable Use Category	Pretreatment Coating
VOC Actual (g/L)	276
VOC Actual (lbs./gal.)	2.30
VOC Regulatory (less water less exempt) (g/L)	639
VOC Regulatory (less water less exempt) (lbs./gal.)	5.33
Density (g/L)	1091
Density (lbs./gal.)	9.10
Volatiles wt. %	84.1
Water wt. %	0.3
Exempt wt. %	58.6
Water vol. %	0.3
Exempt vol. %	56.5
Solids by weight (RTS)	15.9
Solids by volume (RTS)	9.9
Acid Content, wt. %	0.99

**See Material Safety Data Sheet and Labels for additional safety information and handling instructions.**

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

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