



83060

DATA SHEET

EtchPrime 60

General Properties

A thin film, self-etching primer designed mainly as a first coat for ferrous or non-ferrous metals to promote adhesion of subsequent topcoats. EtchPrime 60 is a two component Vinyl Wash Primer coating with base component 83060 A and converter 83060 B supplied in separate containers. This product is lead and chromate free. EtchPrime 60 meets the VOC requirements of the Automotive Refinish Products Regulations under item #3 Pre-Treatment Wash Primer.

Recommended Uses

For the pre-treatment of aluminum, galvanized, stainless steel and other metals to provide a tie-coat for subsequent coats and promote overall adhesion. EtchPrime 60 imparts a limited degree of corrosion protection on ferrous metals.

Product Information

GENERIC TYPE

Modified Vinyl Resin / Phosphoric Acid

PIGMENT TYPE

Zinc Phosphate & Inert Pigments

COLOR

Green

BASES

N/A

FINISH

Flat

AVERAGE VOLUME SOLIDS

11.2%

AVERAGE WEIGHT SOLIDS

15.9%

RECOMMENDED FILM THICKNESS

Wet: 2.7 - 4.5 mils

Dry: 0.3 - 0.5 mils

See your Cloverdale Representative for project recommendations.

THEORETICAL COVERAGE

440 ft²/gal @ 0.4 mil (10 microns) DFT

10.8 m²/L @ 0.4 mil (10 microns) DFT

Actual coverage may vary depending on substrate and application methods.

MIXED RATIO

3 parts 83060 A : 1 part 83060 B

INDUCTION TIME

None required

POT LIFE

6 hours at 24°C (75°F) (less at higher temperatures)?

VISCOSITY MIXED

20 seconds #2 Zahn cup

TEMPERATURE RESISTANCE (DRY)

65°C (150°F) Continuous

82°C (180°F) Intermittent

V.O.C. MIXED

660 gm/lit.

MAXIMUM THINNING TO OBTAIN V.O.C. OF

420 g/L (3.5 LBS/GAL)

THINNER

N/A

ACCELERATOR

C-300

THINNER

N/A

Methods of Application

AIRLESS SPRAY

Airless spray is preferred with tip sizes .009" - .011"

H.V.L.P.

Binks Model Mach 1 92 x 95AP (pressure) or equivalent

CONVENTIONAL

Binks Model 95GUN 63BSS X 63PB (pressure) or equivalent

BRUSH / ROLLER

Not recommended

Drying Time - Temperature, Relative Humidity, and Film Thickness will affect dry and re-coat times.

Substrate Temperature	Touch Dry	Hard Dry	Minimum	Overcoat Interval	
				Maximum	Normal
25°C (77°F)	10 minutes	12 hours	1 hour	6 hours	1 - 4 hours

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Recommended Topcoat

Most Cloverdale Conventional and High Performance Coatings: see your Cloverdale Paint Representative for recommendations for your project. (see Limitations)

Surface Preparation

Surface to be coated must be clean, dry and free from mill scale, white rust, weld spatter, and other contamination. Clean in accordance with SSPC-SP1 Solvent Cleaning. Do not overbuild this product. Observe recommended coverage rates. Do not apply when air or surface temperature is below 10 C. or higher than 35 C, or are forecast do do so during the drying period. Avoid painting when ambient temperatures are within 3 C. of the Dew Point.

Limitations

Not for immersion service. Maximum film thickness must not exceed 0.5 mils dry. EtchPrime 60 has a maximum overcoat interval of six hours; this time frame can decrease significantly on hot weather days. It is strongly recommended that EtchPrime 60 be topcoated as soon as possible after application. Irreversible film damage and loss of adhesion can result by exposure to moisture from rain, dew, condensation, etc. This product does not afford corrosion protection such as filiform corrosion to non-ferrous metals.

Mixing Instructions

Caution! Component B is Phosphoric Acid. Refer to M.S.D.S. for handling and safety information. Mix base separately with good agitation. Add converter 83060 B to base component 83060 A and mix thoroughly until homogenous. Clean equipment immediately after use with C-300 thinner to avoid corrosion.

Safety Precautions

This product is for industrial use only. **Refer to Material Safety Data Sheet for proper health and safety information.**

Storage and Handling

FLASH POINT	-7°C (19°F) TCC
PRODUCT WEIGHT	Comp A (83060A05) = 11.47kg (25.3lb). Comp B (83060B01) = 3.60 kg (7.9lb) containers included
STORAGE	Store in a cool, dry, secure location.
PACKAGE SIZE	4 gallon kit: 11.34 L 83060 A, 3.78 L 83060 B
SHELF LIFE	Component A - One year from date of manufacture

Warranty Disclaimer

Cloverdale Paint manufactures quality products. In the event that this product is defective or in any way unsuitable for the application for which it is sold, Cloverdale Paint Inc. will replace the product free of charge. The warranty provided by this data sheet is the only warranty or guarantee of quality made in respect of this product by Cloverdale Paint Inc. By purchasing this product the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

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