

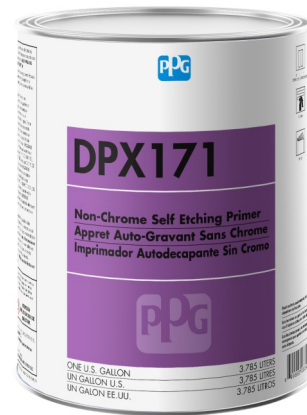


## Non-Chrome Self Etching Primer

P-191

# DPX171

DPX171 Non-Chrome Self Etching Primer is specifically designed to provide excellent adhesion and corrosion resistance to properly prepared steel and aluminum, while offering fast drying characteristics.



### Features & Benefits

- Fast drying
- Excellent adhesion to steel & aluminum substrates
- Pigmented
- Strong corrosion resistance

### Compatible Surfaces

DPX171 may be applied over:

- Properly cleaned and sanded steel
- Properly cleaned and sanded galvanized metal
- Properly cleaned and sanded aluminum

### Not recommended for fiberglass

If applying DPX171 to clean, bare metal substrates, SX metal treatment are NOT required or advisable.

**Note:** DPX171 may be used for spot repairs involving existing cured OEM and refinish systems. Slight overlap of DPX171 onto painted surfaces and body filler is acceptable, but should be kept to a minimum.

### Required Products

#### Catalyst

DPX172 Etching Primer Catalyst

DPX173 Slow Etching Primer Catalyst

# DPX171

## Surface Preparation



- Wash the area to be painted with soap and water, then clean with appropriate PPG cleaner.
- Sand the bare metal areas completely with 80 - 180 grit abrasive.
- Re-clean with the appropriate PPG cleaner.
- Prime aluminum substrates as soon as possible and no later than 8 hours after cleaning steps.
- Prime carbon steel immediately after cleaning.

## Mix Ratio:



DPX171	:	DPX 172/173
1	:	1

**Note:** DPX173 Slow Catalyst is intended for application on large surfaces or in high temp high humidity conditions.



**Pot Life:** 24 hours at 70°F (21°C)

Pot life is shortened as temperatures increase.

## Air Pressure and Spraygun Set-up:



**HVLP:** 8-10 psi at the air cap

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

**Gun Setup:** 1.3-1.6 mm or equivalent

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

## Application:



**Apply:** 1 coat for small areas  
2 coats for large areas

**Dry film build per coat:** 0.5-0.9 mils

Avoid excessive film builds. This may result in poor adhesion and drying characteristics.

## Drying Times:



**Between Coats:** 10-15 minutes at 70°F (21°C)



**Dry to Topcoat:**

**1 Coat:** 20 minutes at 70°F (21°C)

**2 Coats:** 30 minutes at 70°F (21°C)

**Dry to scuff:** 60 minutes at 70°F (21°C)

**Note:** After 24 hours, lightly scuff DPX Primer. Maintain 0.5 mil minimum. Recoat with additional DPX Primer, if necessary.

# DPX171

## Compatible Topcoats:

DELTRON® Sealers  
*Deltron* Primer Surfacers  
 DZ KONDAR® Acrylic Primer Surfacers  
 ONECHOICE® Primer Surfacers  
*OneChoice* Sealers

### Note: Do not apply DP Epoxy Primer over DPX171.

\*When applying a sealer over DPX171, insure a minimum 1.0 mil of sealer is applied over the DPX171. The optimum sealer dry time to topcoat is 15-45 minutes at 70°F (21°C). If the sealer is allowed to dry beyond this period, an overnight dry is recommended.

## Equipment Cleaning:

Spray guns, gun cups, storage pots, etc., should be cleaned thoroughly after each use with any appropriate PPG general purpose solvent.

## Technical Data:

Package	DPX171
VOC Actual (g/L)	627
VOC Actual (lbs./ US gal.)	5.23
VOC Regulatory (less water, less exempt (g/L)	637
VOC Regulatory (less water, less exempt (lbs./ US gal.)	5.31
RTS Combinations	DPX171 : DPX172/DPX173
Volume Ratio	1 : 1
Applicable Use Category	Pretreatment Wash Primer
VOC Actual (g/L)	715
VOC Actual (lbs./ gal)	5.97
VOC Regulatory (less water, less exempt (g/L)	723
VOC Regulatory (less water, less exempt (lbs./ US gal.)	6.03
Density (g/L)	967
Density (lbs./ US gal)	8.07
Solids vol. %	11.6%
Solids wt. %	25.0%
Sq. ft. coverage / US gal. (0.6 mil. At 100% transfer efficiency)	310

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

**Important:** The contents of this package must be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

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

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the public. Products mentioned may be hazardous and should only be used according to direction, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

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