



Self Etching Wash Primer

P-141

DX1791

DX1791 is a chromated, amber colored Self Etching Wash Primer specifically designed to provide excellent adhesion and corrosion resistance to properly prepared steel and aluminum while offering fast drying characteristics.

DX1791 must be mixed with DX1792 catalyst.



Features & Benefits

- Fast dry formula
- Excellent adhesion to most metal substrates
- Strong corrosion resistance
- High productivity

Compatible Surfaces

DX1791 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 DX1791 to clean, bare metal substrates, SX metal treatments are NOT required or advisable.

Note: DX1791 may be used for spot repairs involving existing cured OEM and refinish systems. Slight overlap of DX1791 onto painted surfaces and body filler is acceptable but should be kept to a minimum.

Caution: DX1791 **should not** be applied over media blasted steel or directly on body filler.

Required Products

Catalyst

DX1792 Wash Primer Catalyst

DX1791

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:



DX1791	:	DX1792
1	:	1



Pot Life: 8 hours at 70°F (21°C)

Pot life is shortened as temperatures increase.

Additives:



None

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: 1-2 coats

1 medium coat if a primer is to be applied

2 medium coats if a compatible topcoat is to be applied.

Dry film build per coat: 0.2-0.4 mils

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

Drying Times:



Between Coats: 5-10 minutes at 70°F (21°C)



Dry to Prime:

1 coat: 10 minutes at 70°F (21°C)



Dry to Topcoat:

2 coats: 30 minutes at 70°F (21°C)



Note: DX1791 must be sanded and recoated after 24 hours at 70°F (21°C)

Note: If excessive films are applied, DX1791 must be sanded and removed after 1 hour at 70°F (21°C).

Note: Chrome dust is hazardous. Be sure to wear adequate respiratory equipment while sanding or spraying. See warnings on the label and SDS for 1 medium coat if a second primer is to be applied, 2 medium coats if an acceptable topcoat is to be applied (see Compatible Topcoat Section). Do not apply excessive film builds to avoid poor adhesion and drying characteristics.

DX1791

Compatible Topcoats:

DELTRON® Sealers
Deltron Primer Surfacers
DZ KONDAR® Acrylic Primer Surfacers
ONECHOICE® Surfacers
OneChoice Sealers
DELSTAR®/DELTHANE® (DAR/DXR80) Polyurethane Acrylic Enamel

Note: Do not apply DP Epoxy Primer over DX1791.

*When applying a sealer over DPX1791, insure a minimum 1.0 mil of sealer is applied over the DPX1791. 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 PPG general purpose solvent, lacquer thinner or DT Reducer.

Technical Data:

Ready to Use (1:1)	
Intended Use:	Pretreatment Wash Primer
VOC Less Water Less Exempts (RTS):	6.42 lbs./US gal. (769 g/L)
Total solids by volume (RTS):	7.1%
Total solids by weight (RTS):	8.6%
Sq. Ft. Coverage / US Gallon (RTS):	283 at 0.4 mil, 100% transfer efficiency

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.

PPG Automotive Refinish
19699 Progress Drive
Strongsville, OH 44149
800.647.6050

PPG Canada Inc.
2301 Royal Windsor Drive, Unit #6
Mississauga, Ontario L5J 1K5
888.310.4762

Follow us online:

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Product Information Effective 6/16