

# NCP 280

## 2.1 VOC Primer Surfacer

NCP 280 is a premium quality, high build surfacer developed for today's advanced technology finishes, such as the Deltron® and Concept® topcoat systems. It has been designed specifically for customers who require a 2.1 VOC primer surfacer and are able to use acetone as an exempt solvent. NCP 280 is free of chrome, lead and isocyanates.

NCP 280 offers superior sanding characteristics and excellent gloss holdout. It can be used over sanded original finishes and properly-prepared, cleaned bare metal. NCP 280 must be mixed with NCX 285 catalyst.

Features	Advantages	Benefits
<ul style="list-style-type: none"> <li>• User friendly</li> <li>• Direct to topcoat</li> <li>• High solids/Low VOC</li> </ul>	<ul style="list-style-type: none"> <li>• Quick dry time</li> <li>• Easy mixing &amp; sanding</li> <li>• Meets VOC regulations</li> <li>• Builds quickly</li> </ul>	<ul style="list-style-type: none"> <li>• Increased productivity</li> <li>• Labor savings</li> <li>• Reduced inventory</li> </ul>

### Compatible Surfaces

NCP 280 may be applied over:

- Properly cleaned and sanded steel\*
- Properly cleaned and sanded galvanized steel\*
- Properly cleaned and sanded aluminum or fiberglass
- Cured and sanded OEM finishes (excluding Lacquer)
- DF Body Fillers cured and sanded
- DPX 170 Wash Primer\*\*
- DPX 171 Non-Chrome Self Etching Primer\*\*
- DPX 801 Universal Plastics Prime\*\*

\* Steel and Galvanized steel **MUST** be treated with DX 579 / DX 520 Metal Cleaner/ Conditioner or coated with DPX 171 or DPX 170 before applying NCP 280.

\*\* NCP 280 should completely overlap when used over the listed substrates and should have a minimum film build of 2 mils after sanding.



# Directions for Use

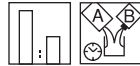
# NCP 280

## Preparation



- Wash the area to be painted with soap and water, then clean with DX 330 ACRYLI-CLEAN® Wax and Grease Remover, DX 393 0.6 Low VOC Cleaner or DX 394 1.4 Low VOC Cleaner. Wipe off any DX 393 or DX 394 cleaning residue with a clean damp cloth.
  - Sand the bare metal areas completely with 80-180 grit abrasive. Sand old finishes with 320-400 grit dry by hand or machine or 600 grit wet.
  - Re-clean with DX 330, DX 393 or DX 394. Wipe off any DX 393 or DX 394 cleaning residue with a clean damp cloth.
  - Chemical treatment or the use of conversion coating will improve the adhesion and performance properties of the finished system.
  - Prime aluminum and stainless substrate within 8 hours.
  - Prime carbon steel immediately after cleaning.
- See Compatible Surfaces section for instructions regarding galvanized steel

## Mixing Ratios



NCP 280 : NCX 285

2 : 1

Pot Life is 1/2 hour at 70°F (21°C). Increased temperatures can decrease pot life. Acetone may be added up to 10% by volume to the RTS product. This will extend pot life to 1 hour at 70°F (21°C).

## Application and Dry Times



Apply:	2-4 wet coats
Pot Life:	1/2 hour
Fluid Tip:	1.2-1.5 mm or equivalent
Air Pressure:	10 PSI at the cap for HVLP guns 45-50 PSI at the gun for conventional gun
Between Coats	5-10 min. dry between coats
Dry to Sand:	2-4 hours at 70°F (21°C)
Purge Time:	20 minutes 70°F (21°C)
Force Dry:	30 minutes at 140°F (60°C)
IR Cure:	10 minutes
Dust Free Time:	10 minutes

## Technical Data

### Properties

VOC (Ready to Spray )	2.4 lb./US Gal
VOC (Ready to Spray) less exempt solvents	2.1 lb./US Gal
Total Solids by Weight (RTS)	82.7 %
Total Solids by Volume (RTS)	69.6 %
Sq. Ft. Coverage. (1 mil 100% transfer efficiency)	1116 Sq. Ft./US gal.
Recommended Dry film	2-6 Mils

## Compatible Topcoats

DF 715 Techniglaze  
DP Epoxy Primer LF  
DPW 1840 Low VOC Sealer  
DPW 1842 Low VOC Primer Surfacer  
K 36 Prima™ Acrylic Urethane Wet-on-Wet Sealer  
NCS 1990 Compliant Wet-on-Wet Sealer  
NCP 270/271/272 Corrosion Resistant Primer\*

Concept® (DCC) Acrylic Urethane  
Concept® LV (CLV) Acrylic Urethane Color  
Delstar® (DAR/DXR 80) Acrylic Polyurethane Enamel  
Deltron® 2000 (DBC) Basecoat  
Deltron® (DBU) Universal Basecoat  
Starthane® (STAR) Polyurethane Enamel

\*Mixed as a sealer only

**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. 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 PPG INDUSTRIES, INC. 19699 PROGRESS DRIVE, STRONGSVILLE, OHIO 44149 PPG CANADA, INC. 2301 ROYAL WINDSOR DRIVE, MISSISSAUGA, ONTARIO L5J 1K5

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