

# NCP280

DELTRON® NXT™ NCP280 is a gray, premium-quality, high-build surfacer developed for today's advanced technology finishes. It has been designed for customers who require a 2.1 VOC primer surfacer and are able to use acetone as an exempt solvent. NCP280 is free of chrome, lead and isocyanates.

NCP280 offers excellent sanding characteristics and gloss holdout. It can be used over sanded original finishes and properly-prepared, cleaned bare metal.

NCP280 must be mixed with NCX285 Low VOC Hardener.



### Features & Benefits

- Isocyanate-free
- Quick dry time
- Easy mixing and sanding
- Meets 2.1 VOC regulations
- High build

### Required Products

#### Hardener

NCX285 Low VOC Hardener

### Compatible Surfaces

NCP280 may be applied over:

- Properly cleaned and sanded bare steel, galvanized steel and aluminum\*
- Properly cleaned and sanded gel coated fiberglass
- Properly cleaned and sanded OEM finishes (excluding lacquer)
- DF Body fillers
- ONECHOICE® Plastic Adhesion Promoters
- OneChoice Etch Primers
- DPLV 2.1 VOC Epoxy Primer

\*NCP280 should completely overlap when used over the listed substrates and should have a minimum film build of 2 mils after sanding.

### 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. Sand old finishes with 320-400 grit dry by hand or machine or 600 grit wet.
- Exposed metal should be spot primed with a suitable bare metal primer.
- Reclean with the appropriate PPG cleaner.
- Two-step metal treatments or the use of an etch primer coating will improve the adhesion and performance properties of the finished system.
- A two-step metal treatment or etch primer is required over sanded clean galvanized steel substrate.
- Prime aluminum within 8 hours.
- **Prime carbon steel immediately after cleaning.**

**Mix Ratio  
& Pot Life:**


NCP280 : NCX285  
2 : 1



**Pot Life:** 30 min at 70°F (21°C)  
Pot life is shortened as temperatures increase

**Additives:**


None

**Air Pressure  
& Gun Setup:**


**HVLP:** 8 - 10 psi at the air cap  
**Compliant:** 29 - 40 psi at the gun  
**Fluid Tip:** 1.4 - 1.6 mm or equivalent

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

**Application:**


**Apply:** 2 - 4 wet coats  
**Film build per coat:** 1.4 - 1.8 mils

**Drying Times:**


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



**Air Dry to Sand:** 2-4 hours at 70°F (21°C)



**Force Dry to Sand:**

Purge Time: 20 minutes at 70°F (21°C)

Bake: 30 minutes at 140°F (60°C) and cool down



**IR (Infrared):**

Short Wave: 10 minutes

Medium Wave: 20 minutes

**Note:**


Bake times are for metal temperature. Additional time should be allowed in the force drying schedule for metal to reach recommended temperature.

**Sanding:**


**Sanding:**

Grade Wet: 400-600 grit

Grade Dry Machine: 320-500 grit

**Compatible  
Topcoats:**

ENVIROBASE® High Performance A-Chromatic LV Sealers  
DPLV 2.1 Epoxy Primer  
Deltron NXT Primers  
Deltron NXT Sealers  
OneChoice Surfacers  
OneChoice Sealers

**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:**

**RTS Combinations:**

**NCP280 : NCX285**

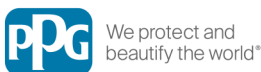
Volume Ratio:	2 : 1
Applicable Use Category	Primer
VOC Actual (g/L)	149
VOC Actual (lbs./Gal)	1.25
VOC Regulatory (less water less exempt) (g/L)	177
VOC Regulatory (less water less exempt) (lbs./gal)	1.48
Density (g/L)	1432
Density (lbs./Gal)	11.95
Volatiles wt. %	20.8
Water wt. %	0.0
Exempt wt. %	10.2
Water vol. %	0.0
Exempt vol. %	15.1
RTS Solids wt. %	79.2
RTS Solids vol. %	66.7
Sq. Ft. Coverage at 1.0 mil. at 100% transfer efficiency	1,070

**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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