

Deltron® NCS Sealers

NCS2003 White
 NCS2004 Gray
 NCS2005 Black

DELTRON® NCS Sealers have been specifically developed as isocyanate-free, National Rule compliant sealers for *DELTRON®*.

DELTRON® NCS Sealers come in three different colors: NCS2003 White, NCS2004 Gray and NCS2005 Black, and can be tinted with *CONCEPT®* DMC mixing bases.

NCS2000 Series Sealers can be blended together to achieve any shade of gray desired. *DELTRON®* NCS Sealers are intended to be the final step before applying the PPG topcoat. NCS2000 Series Sealers must be catalyzed with NCX2200.



Features

- Tintable
- Compatible with a wide range of topcoats

Advantages

- Choice of Colors
- Versatile

Benefits

- Better Hiding of Topcoat Color
- Fewer Products Required

Compatible Surfaces

Deltron® NCS2000 Series Sealers may be applied over:

- DPX170 Self Etching Wash Primer*
- DPX171 Non-Chrome Self Etching Primer*
- DX1791 Wash Primer*
- Properly cleaned and sanded fiberglass
- Properly cleaned and (must be) sanded E-Coat
- Cured and sanded OEM finishes
- DF Body Filler
- DPLF Epoxy Primer
- DPX801 Universal Plastics Adhesion Promoter
- NCP250 *NCT®* Primer Surfacer
- NCP270 Corrosion Resistant Primer
- NCP271 Corrosion Resistant Primer
- NCP272 Tintable Corrosion Resistant Primer
- NCP280 2.1 Primer Surfacer
- K36 *PRIMA™* Acrylic Urethane Primer Surfacer
- K38 High Build Primer Surfacer
- K93 Tintable Primer Surfacer
- SX/SXA1050 Plastic Adhesion Promoter (Specialty Performance Products)

* When using DPX170 and DX1791 over bare metal, you must topcoat with one of the above primer surfacers before sealer is applied.

CAUTION: This product should not be used over DPX171 in more than a 3"x3" repair area.

Required Products

	Hardeners
<i>Deltron®</i> Sealer Catalyst	NCX2200



Deltron[®] NCS Sealers

Directions for Use

Surface Preparation:



DELTRON[®] Sealer:

- Wash the area to be painted with soap and water, then clean with DX330 ACRYLI-CLEAN[®] Wax and Grease Remover, DX393 0.6 Low VOC Cleaner or DX394 1.4 Low VOC Cleaner.
- Sand the bare metal areas completely with 180 – 240 grit abrasive. Sand old finishes with 320 – 400 grit dry by hand or machine or 600 grit wet.
- Re-clean with DX320 DX330, DX393 or DX394. Final wipe with a clean damp cloth to remove any DX393 or DX394 cleaner residue.

Mix Ratio:



DELTRON[®]

NCS Sealer	:	DT Reducer	:	NCX2200
2	:	1	:	1

Tinting:



DELTRON[®]

NCS Sealer	:	DMC*	:	DT Reducer	:	NCX2200
4	:	1	:	2	:	2

*Only DMC bases that have a VOC of 4.6 or less can be used for tinting.

Pot Life is 90 minutes at 70°F (21°C) with or without tint.

Pot Life of **Flexibilized Deltron[®] NCS Sealer** is 90 minutes at 70°F (21°C)

Pot life is shortened as temperatures increase.



Additives:



DX814 Universal Flexibilizer may be added with 10% DX814 to the ready-to-spray Deltron[®] Sealer

Spraygun Set-up:



Apply:	1 – 2 wet coats
Fluid Tip:	1.4 – 1.6 mm or equivalent
Air Pressure:	8 – 10 PSI at the cap for HVLP guns 40 – 50 PSI at the gun for conventional guns

Directions for Use

Drying Times:



Between Coats:	10 – 15 minutes @ 70°F (21°C)
Dust:	10 – 15 minutes @ 70°F (21°C)
Tack:	15 – 20 minutes @ 70°F (21°C)
Tape:	75 minutes @ 70°F (21°C)
Dry to Sand:	45 minutes @ 70°F (21°C) 20 minutes at 140°F (60°C)
Dry To Topcoat:	1 coat 15 minutes @ 70°F (21°C) 10 minutes @ 90°F (21°C) 2 coats 30 minutes @ 70°F (21°C) 20 minutes @ 90°F (21°C)
Purge Time:	5 minutes @ 70°F (21°C)
Force Dry:	20 minutes at 140°F (60°C) after a flash of 5 minutes
IR (Infrared):	20 minutes for Medium wave 10 minutes for Short wave

After 72 hours, sealer must be scuffed before applying basecoat or topcoat.

Compatible Topcoats:

CONCEPT® LV (CLV) Acrylic Urethane Color
CONCEPT® (DCC) Acrylic Urethane
DELSTAR® (DAR/DXR80) Acrylic Polyurethane Enamel
DELTRON® 2000 (DBC) Basecoat
DELTRON® (DBU) Universal Basecoat

Equipment Cleaning:

Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with DX590 All Purpose Clean-up Solvent, or DTL *DURACRYL*® Lacquer Thinners.

Technical Data:

	DELTRON®	
	NCS2000 Series Sealers	Tinted
VOC (RTS) per US Gal	4.6 lbs/gal. (550 g/l)	4.6 lbs/gal. (550 g/l)
Total Solids by Weight (RTS)	53.0%	53.4%*
Total Solids by Volume (RTS)	36.8%	37.6%*
Sq. Ft Coverage / US Gal (RTS)	589	595*
Recommended wet film build per coat	2.0 – 2.5 mils	2.0 – 2.5 mils
Recommended dry film build per coat	0.8 – 1.2 mils	0.8 – 1.2 mils

* These are typical values. Depending upon the tint chosen, the calculated values can vary.

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NCS2005 Black

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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

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, 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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