

# K 200

**IDENTITY****CODE**

Primer Surfacer	K 200
Primer Surfacer Hardener	K 201
Flexible Primer Surfacer Hardener	K 248

**DT Reducers**

Cool Temperature Reducer	DT 860 (60 - 70°F) (16 - 21°C)
Medium Temperature Reducer	DT 870 (65 - 80°F) (18 - 27°C)
Warm Temperature Reducer	DT 885 (75 - 90°F) (24 - 32°C)
Hot Temperature Reducer	DT 895 (85°F/29°C & Above)

**BACKGROUND**

K 200/201 Urethane Primer Surfacer, from PPG, is designed to provide fast film build with minimal coats, excellent adhesion, ease of sanding, and color hold out properties. It is to be used over properly prepared existing painted surfaces and/or properly treated bare steel, aluminum, or fiberglass. K 200/201 can be used under most PPG Finishes

**DIRECTIONS FOR USE****Preparation:**

- Clean all affected surfaces with soap and water then reclean with DX 330 ACRYLI-CLEAN® Wax and Grease Remover or DX 380 Low VOC Cleaner.
- Sand well and reclean with (#) DX 220, DX 330 or DX 380.

**Note:** For maximum performance, treat bare metal areas with the PPG Metal Treatment System, and apply DP Epoxy Primer or DX 1791/1792 Self Etching Primer. Allow DP Epoxy Primer to dry 30 minutes when using DP 402 Fast Catalyst and 1 hour when using DP 401 Epoxy Primer Catalyst before applying K 200/201. Allow DX 1791/1792 to dry 30 minutes before applying K 200/K 201. \*If K 200/201 is used as a spot primer surfacer over DP Epoxy Primer, see page 4 for special application instructions.

(#) Not currently available in Canada

## Normal Build

### Mixing:

- Mix K 200 Primer Surfacer in a ratio of 4 parts K 200; 1 part DT Reducer; 1 part K 201 (4:1:1). Stir thoroughly.

<u>K 200</u>		<u>DT Reducer</u>		<u>K 201</u>
4 parts		1 part		1 part
or	to	or	to	or
4 quarts		1 quart		1 quart

### Application and Dry Times:

- Apply with #70 orifice siphon feed gun using 40 - 50 pounds air pressure at the gun, or apply with #90 orifice using a gravity feed gun with 30 - 35 lbs PSI.
- Apply 2 wet coats to produce a dry film thickness of 2-3 mils with a 5 - 10 minute dry time between coats.

**Note:** Films of 2 - 3 mils can be sanded (wet or dry) and topcoated after 3 hours at 70°F (21°C) or after force drying for 30 minutes at 140°F (60°C). For best sanding results and topcoat appearance, allow K 200/201 to dry overnight.

**Note:** Pot life of reduced & catalyzed K 200 is 3 hours at 70°F (21°C).

## High Build

### Mixing:

- Mix K 200 Primer Surfacer in a ratio of four parts K 200 and one part K 201 (4:1). DO NOT ADD reducer. Stir thoroughly.

<u>K 200</u>		<u>K 201</u>
4 parts		1 part
or	to	or
4 quarts		1 quart

### Application and Dry Times:

- Apply with #90 orifice siphon primer gun or a gravity feed gun using 30 - 35 pounds air pressure.
- Apply approximately 3 to 4 wet coats with 15 minutes dry time between coats to produce a dry film thickness of 6 - 8 mils.
- Allow to dry 16 - 24 hours before wet or dry sanding and topcoating.

**Note:** Pot life of unreduced K 200/201 is 1 hour @ 70°F (21°C).

### Painting of Flexible Parts:

### Preparation:

- Clean the flexible substrates with DX 330 or DX 380, followed by DX 103 MULTI-PREPÔ.
- Sand thoroughly when necessary and reclean.
- Use special flexible primer surfacer Hardener K 248 in place of K 201 Hardener.

### Mixing:

- Mix K 200 Primer Surfacers in a ratio of four parts K 200, one part DT Reducer, one part K 248 Flexible Primer Surfacers Hardener. Stir thoroughly (4:1:1).

<u>K 200</u>		<u>DT Reducer</u>		<u>K 248</u>
4 parts		1 part		1 part
or	to	or	to	or
4 quarts		1 quart		1 quart

### Application and Dry Times:

- Apply two wet coats to produce a dry film thickness of 2 - 3 mils with 5 to 10 minutes dry between coats.

**Note:** Films of 2 - 3 mils can be sanded (wet or dry) and topcoated after 3 hours at 70°F (21°C) or after force drying for 30 minutes at 140°F (60°C). For best sanding results and topcoat appearance, allow K 200/248 to dry overnight.

**Note:** Pot life of flexibilized K 200 is 2 hours @ 70°F (21°C).

### Equipment Cleaning:

Use (#)DX 590 All Purpose Clean-up Solvent or DTL Lacquer Thinner Reducer to clean up equipment immediately after usage.

(#) Not currently available in Canada

### Cautions:

- Immediately after use of K 201 or K 248 thoroughly wipe the spout and screw the lid on tightly. Exposure to moisture shortens the life of the product.
- Do full panel repairs only over flexibilized lacquer substrates.
- Do not attempt a high build application with the flexible system.
- Pot life: Normal mix (4:1:1) has pot life of 3 hours @ 70°F (21°C). High build mix (4:1) has pot life of 1 hour and pot life of flexibilized K 200 is 2 hours. As temperature increases, pot life is shortened significantly.
- Always reduce K 200 for normal build applications before adding the K 201. Stir thoroughly before using.

- When priming over lacquer or sensitive substrates do complete panels only. Do not spot prime lacquer or sensitive finishes as lifting will result when topcoated with a product that contains strong solvent. Also be careful of overspray around or in the door jamb areas if the door is to be painted with a strong solvent system. Apply K 200/201 so that the dry film after sanding will not be less than 3 mils. Allow to dry for 16 - 24 hours before sanding and topcoating. Avoid sanding too thin as lifting may occur upon topcoating.
- When used under Duracryl (DDL) Acrylic Lacquer, K 200/201 must be sealed with DP Epoxy Primer as a sealer, DAS DEL-SEAL, DL 1970 SEALER 70 Primer Sealer to obtain good intercoat adhesion. Apply one wet coat (0.5 mil) and allow to dry for 30 minutes before topcoating.
- When using Black topcoats be sure to seal the K 200/201 surface with DP Epoxy Primer as a sealer, DAS DEL-SEAL Sealers, or KTS 2K Sealers prior to color application.
- When using DELTRON (DAU) colors, K 200/201 surface should be sealed with DP Epoxy Primer as a sealer, DAS DEL-SEAL Sealers or KTS 2K Sealers before topcoating.
- When using DURETHANE (DU) colors, K 200/201 surface should be sealed with DP Epoxy Primer as a sealer, DPU 35/301, or KTS 2K Sealers before topcoating.
- K 200/201 Primer Surfacer must be sanded prior to sealing.

**COMPATIBLE SURFACES:** K 200/201 **may be used** over:

Properly cleaned and treated Aluminum and Steel  
 Properly cleaned and treated Galvanized Steel  
 Properly cleaned and sanded fiberglass  
 DF Body Fillers  
 OEM Basecoat/Clearcoat \*  
 OEM Acrylic Enamels: must be sanded.  
 OEM Lacquer (Full panels only)\*  
 DPE 1538 Black Zinc Chromate Primer  
 DPX 844 Flexible Primer  
 DPX 800 Polypropylene Primer  
 DP Epoxy Primers (See note below)  
 DX 1791/DX 1792 Self Etching Primer  
 DURETHANE® (DU) Polyurethane \*  
 DPU 35/301 DURETHANE Polyurethane Primer

DURACRYL® (DDL) Acrylic Lacquer \*  
DELSTAR®/DELTHANE® ULTRA (DAR/DXR 80) Polyurethane Acrylic Enamel \*  
DITZCO® (DQE) Alkyd Enamels \*  
DELSTAR (DAR) Acrylic Enamels \*  
DELTRON® (DAU) Acrylic Urethane \*

\* Must be dried and sanded

Note: When using DP Epoxy Primer under K 200:

**Important:** When DP Epoxy Primer is applied and allowed to air dry less than 16 hours before K 200/201 (and topcoat) application, lifting may occur. Possible lifting can be avoided in two ways:

1. For full panel application, allow the DP Epoxy Primer to dry 30 minutes when using DP 402 Fast Catalyst or 1 hour when using DP 401 Catalyst before applying K 200/201 over the entire panel. Maintain a minimum of 1.8 to 2.0 mils dry film of K 200/201 (after sanding) over all DP Epoxy Primer sections.
2. For spot applications, apply the DP Epoxy Primer over the spot repair area and allow to dry 30 minutes when using DP 402 Fast Catalyst and 1 hour when using DP 401 Catalyst. Apply the K 200 (using a minimum of 2 coats) making sure its application extends well beyond the DP Epoxy Primer. Sand as necessary but keep the remaining K 200/201 film build above 1.8 - 2.0 dry mils in the areas over the DP Epoxy Primer. Clean, seal, and topcoat as desired. Note: This procedure should not be used over OEM Acrylic Lacquer or Refinish Lacquer substrates.

**Note:** K 200/201 Primer surfacer **must** be sanded prior to sealing.

**INCOMPATIBLE SURFACES:** K 200/201 **may not be used** over:

UCV Vinyl Spray Color  
DL 1970 SEALER 700 Primer Sealer  
DAS DEL-SEAL® Acrylic Sealers  
PREET 33® Primer Surfacer  
DZL Primers Surfacer  
DFL Putties  
DZ KONDAR® Acrylic Primer Surfacer  
DPE Primer Sealers  
DX 54 ROADGUARD® Chip Resistant Coating  
DSX 1900 Bonding Clear

**COMPATIBLE TOPCOATS:** K 200/201 **may be** topcoated with:

DL 1970 SEALER 70 Primer Sealer  
DPU 35/301 DURETHANE Primer/Hardener  
KTS 2K Sealers  
DPX 800 Polypropylene Primer  
DP Epoxy Primers

DPX 844 Flexible Primer  
 KTS 2K Sealers  
 DPE Primer Sealers  
 DAS DEL-SEAL Acrylic Sealers  
 DELSTAR (DAR) Acrylic Enamel  
 DITZCO (DQE) Alkyd Enamel  
 CONCEPT (DCC) Acrylic Urethane  
 DELTRON 2000 (DBC) Basecoat  
 DELSTAR/DELTHANE ULTRA (DAR/DXR 80) Polyurethane Acrylic Enamel  
 \*DELTRON (DAU) Acrylic Urethane  
 \*\*\*DURETHANE (DU) Polyester Polyurethane  
 \*\*DELTRON (DBU) Basecoat Clearcoat

**Note:** K 200 may be topcoated with KONDAR (DZ) Primer Surfacer if the KONDAR is used as a guide coat or to fill minor surface imperfections.

\*Recommend sealing with DAS DEL-SEAL Acrylic Sealers, KTS 2K Sealer, or DP Epoxy Primer reduced as a sealer.

\*\*Before topcoating with Black DELTRON (DBU), DELTRON (DAU), DELTRON 2000 (DBC), or CONCEPT (DCC) seal with with DAS DEL-SEAL Acrylic Sealers, KTS 2K Sealer, or DP Epoxy Primer reduced as a sealer. Do not use KTS 47 under DBU.

\*\*\*Must be sealed with DP Epoxy Primer reduced as a sealer, DPU 35/301, or KTS 2K Sealer.

**INCOMPATIBLE TOPCOATS:** K 200 **must not be** topcoated with:

DX 1791/DX 1792 Self Etching Primer  
 DZL Primer Surfacers  
 DX 54 ROADGUARD® Chip Resistant Coating  
 DSX 1900 Bonding Clear  
 PREET 33 Primer Surfacer  
 DF Body Fillers  
 DFL Putties  
 UCV Vinyl Spray Colors  
 DURACRYL (DDL) Acrylic Lacquer

**TEST PROPERTIES**

Color:

Tan

NORMAL BUILD

HIGH BUILD

Application Viscosity (#2 Zahn Cup) (a)  
 Flash Point

25 seconds                      80 seconds  
 K 200, 27°C (81° F) PMCC  
 K 201, 5°C (40° F) PMCC  
 K 248, 3°C (27° F) PMCC

## **TEST PROPERTIES**

	<u>NORMAL BUILD</u>	<u>HIGH BUILD</u>
VOC (Applied)	4.49 lbs/US gal	3.99 lbs/US gal
Weight Solids (a)	51%	62%
Volume Solids (a)	37%	45%
Sq Foot Coverage/U.S. Gal (100% Transfer Efficiency) @ 1 mil (a)	600 sq ft/US gal	720 sq ft/US gal
Film Build Per Coat	1.5 - 2.0 mils	2.0 - 2.5 mils
Dry Time		
Dust Free Time	5 minutes	5 minutes
Humidity Resistance (100°F/38°C, 100% RH, 100 hours)	Excellent @ 100 hrs	
Salt Spray Resistance		Excellent @ 500 hrs

(a) Ready to Spray

**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 (304) 843-1300.  
IN CANADA (514) 645-1320.

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