

Deltron® UV Cured Primer Surfacer

DS1002

DS1002 is an innovative product that uses an exciting new technology that allows you to sand the primer surfacer just two minutes after spraying. This high build primer surfacer comes in an aerosol can; it is easy to spray and to sand, and can be over coated with almost any PPG Refinish topcoat.



Features

- Aerosol Can
- 2 Minute Cure

Advantages

- No Mixing
- Increased Productivity

Benefits

- Labor Savings
- Increased Vehicle Throughput

Compatible Surfaces

DS1002 may be applied over:

- Properly cleaned and sanded steel
- Properly cleaned and sanded aluminum
- Properly cleaned and sanded fiberglass
- Properly cleaned and sanded galvanized steel
- Cured and sanded OEM finishes
- All rigid and semi-rigid plastic except PE and Polystyrene
- DF Body Filler
- DPLF Non-sanding Epoxy Primer
- SX1048 Polyester Glaze

DS1002

Application Data

Surface Preparation:



- Wash the area to be painted with soap and water, then clean with DX330 *Acryli-Clean*® Wax and Grease Remover, SX1005 0.4 VOC Wax and Grease Remover, DX394 1.4 Low VOC Cleaner or SX1004 Plastic Cleaner & Prep.



- 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 DX320, DX330, SX1005 or DX394. Final wipe with a clean damp cloth to remove any cleaner residue.

- Prime aluminum substrate within 8 hours. ***Prime carbon steel immediately after cleaning.***

Mixing:

- This product comes in a ready-to-spray aerosol form.
- Shake can vigorously for several minutes (after dislodging the ball bearing) before use.

Application:



Apply 4–5 wet coats using continuous passes

Dry Times:



Between Coats: No time needed between coats.

After Final Coat: 2 minute cure with PPG recommended UV lamp
(Overcuring is not harmful.)

MUST wipe final coat with DX310 EZ Cleaner prior to sanding.

*Keep the repair area to a size no greater than 8 to 9 inches around.
This product is designed for spot repair only, not complete panels.*

Note: The pigmentation in this product is solely intended to visually aid you in applying the product. If you have sprayed this product to hiding, you've exceeded the maximum film build of the product, which will negatively affect cure.



UV Primer **NEEDS** to be cured with a UV lamp using direct line of sight. Any primer that is not cured by the lamp will wipe away with the DX310 EZ Cleaner. Take caution when applying around door edges, etc., as the overspray or product that is not in the direct line of sight of the UV lamp, will not be cured.

UV Cured Primer Surfacer contains optical brighteners that will be evident when exposed to the UV lamp, much the same as a black light reacts to certain colors. Any area that exhibits the optical brighteners needs to be cured for 2 minutes with the UV lamp.

Dry to Sand:

Immediately after final wipe with DX310 EZ Cleaner.

Attention: When finished spraying aerosol products, hold can upside down and spray until valve is cleared. This will prevent clogging of the internal valve.

Tinting:

Product cannot be tinted as it is an aerosol.

Additives:

No additives – aerosol

UV Lamp Directions:

- Refer to UV Lamp Manufacturer's Equipment Instruction prior to usage.
 - 2-minutes cure time at an 8-inch distance will cure an area the size of an 8.5 x 11 inch sheet of paper.
 - At greater distance the cure drops considerably.
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Do not expose eyes or skin to direct UV light. Use safety glasses, available from lamp manufacturer. The lamp gets very hot and should be kept away from solvent fumes. Be careful to avoid burns to skin. If glass is damaged in any way or not securely in place – DO NOT USE.

Surface Wipe:

The top surface of the primer does not cure as the reaction is inhibited by oxygen. This layer **must be wiped off** as soon as possible using **DX310 EZ Cleaner until surface is matte in appearance and dry to the touch. Product is now ready to sand.**

Avoid skin contact by using Nitrile gloves when applying and wiping the UV Primer.

Performance Guidelines:

Do not apply this product to hiding. This product is pigmented solely to show the painter where the paint has been applied, so that the entire area is cured by the UV lamp. If this product is applied to hiding, the product will not cure properly, and will result in adhesion failures.

Do not attempt spot repair on original or refinish thermoplastic applications, lacquer or 1K finishes.

Ensure that the surface is thoroughly sanded to the panel's edge, or a distance several centimeters beyond the damaged area, whichever is the smaller.

**DS1002 UV Cured Primer
Surfacer may be topcoated with:**

- K36 *Prima*TM Acrylic Urethane Primer Surfacer/Sealer (Optional)
 - K93 Tintable Primer Surfacer/Sealer (Optional)
 - *Concept*[®] LV (CLV) Low VOC Acrylic Urethane Color
 - *Concept*[®] (DCC) Acrylic Urethane
 - *Deltron*[®] 2000 (DBC) Basecoat
 - *Deltron*[®] (DBU) Universal Basecoat
 - NCS2000 Series Primer Surfacer
 - SX1040 Accessory Black – Gloss
 - SX1041 Bumper Black
 - SX1046 Accessory Black – Matte
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Equipment Cleaning:

When finished spraying aerosol products, hold can upside down and spray until valve is cleared. This will prevent clogging of the internal valve.

Technical Data:

VOC (Ready to Spray): 3.61 lbs. per US gal.
Less exempt solvents

Total Solids by Weight (RTS): 38.95%

Total Solids by Volume (RTS): 25.99%

Sq. Ft. Coverage/10.1 fl. oz. can: 31.52
(1 mil 100% transfer efficiency)

Recommended dry film after sanding: 2.0–6.0 mils

Application Data

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.

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 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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