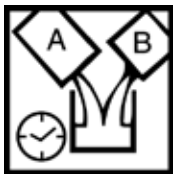
DIMENSION® PRO 2.8 VOC URETHANE ENAMEL SINGLE STAGE D2 INTERMIX PREFIX

PRODUCT DATA SHEET

SUITABLE SUBSTRATES

- OEM Enamels
- Aged Refinishes
- DIMENSION® Undercoats

MIXING



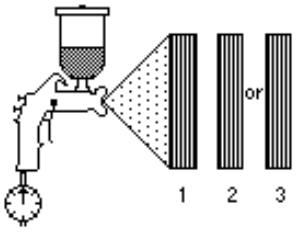
4 DIMENSION® PRO 2.8 VOC Urethane Enamel Single Stage Color D2 + 2 DIMENSION® DLV Reducers DLV711, DLV713, or DLV715* + 1 DIMENSION® Hardener DH657

Reducer Selection Chart*	
Reducer	**Temperature**
DLV711 Fast	60°F-75°F
DLV713 Medium	70°F-95°F
DLV715 Slow	90°F & Up

***NOTE: Consider size of repair, air flow and spray conditions with reducer selection**

APPLICATION

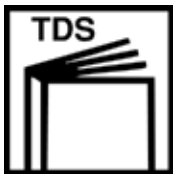
- Apply 2-3 medium coats or until hiding is achieved
- Allow each coat to flash until hand slick
- 8-10 psi at air cap - HVLP
- 22-24 psi - Compliant spray gun
- 10-12 fluid ounces per minute and 30-35 psi - Pressure pot
- See Page 2 for application techniques



RECOAT

May be recoated with itself up to 24 hours. Must be scuffed or sanded after 24 hours.

NOTES



- Pot Life: 2 hours at 75°F
- For increased Ultraviolet durability, add 3% by volume DIMENSION® UV Additive DA30 to the ready to spray color (Use FormulaExpress® color retrieval system to find exact amounts)
- If fisheyes are a problem, add DIMENSION® Fisheye Eliminator DA667 or DA669 in the following amounts:
  - 2 - 6 capfuls per quart of **unreduced** color
  - 1 - 3 capfuls per quart of **ready to spray** color
  - 1 capful = 1/3 ounce or 9 grams
- For Sherwin-Williams Certified Fleet Refinisher (CFR) Program, utilize the following undercoat options: Sherwin-Williams® PRIME SHIELD® HS Urethane Primer Sealers E2A820 and E2W823, and Sherwin-Williams® 3.5 VOC DTM-Z Epoxy Primers E2A933, E2B931 and E2W932. Contact your Sherwin-Williams representative for specific CFR program information.

PERSONAL PROTECTION

- For use by trained professionals only.
- Read label, product data sheet, and MSDS before use.
- Use appropriate Personal Protective Equipment while mixing and spraying.

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SHERWIN-WILLIAMS
Automotive Finishes

DIMENSION® 2.8 VOC URETHANE ENAMEL SINGLE STAGE D2 INTERMIX PREFIX

PRODUCT DESCRIPTION

DIMENSION® 2.8 VOC Urethane Enamel Single Stage product is: 1) a cost effective urethane enamel line capable of producing thousands of colors; 2) capable of matching to a vehicle's original color; and 3) designed for overall refinishing. This product delivers outstanding dry times, metallic orientation, ease of application, meets 2.8 VOC regulations and uses the "D2" intermix prefix.

SURFACE PREPARATION

1. Clean with appropriate Sherwin-Williams® surface cleaner* and wipe dry with a clean cloth.
2. Treat sand-throughs to bare metal with Sherwin-Williams® Corrosion Shield® LCF Etch Primer PE995.
3. When sealing, final sand repair area with P320 – P400 grit sandpaper. If directly top coating over primer, final sand with P400 – P600 grit sandpaper.
   **Note: check local regulations regarding the use of solvent cleaners. Read and follow all warnings and directions on cleaner label before use.*

APPLICATION TECHNIQUES

Apply 2 medium wet coats, or until hiding is achieved, with a 50% overlap allowing each coat to become handslick before the next coat. Apply at a gun distance of 6-8 inches. A cross-coat method (horizontal one coat, vertical the next) can be used for metallic colors to help achieve uniform metallic orientation. If further metallic orientation is needed, immediately apply a mist coat by increasing the gun distance to 10-12 inches or reducing air pressure. Recommended dry film thickness is 2.0-2.5 mils.

BUFFING

If necessary, after 24 hours air dry, or 30 minute force dry, sand with 2000 grit sandpaper followed by cross-sanding with 3000 grit sandpaper, checking frequently to ensure that the scratches made with 2000 grit sandpaper are being removed. Take care in sanding and polishing single-stage metallics. Aggressive sanding can distort metallic appearance. Sanding should be limited to de-nibbing imperfections. Buff by machine with polishing pad, using a quality microfinishing compound, and follow with a microfinishing glaze. For ultimate appearance, hand glaze with a soft clean cloth. Buffing is easiest when done within the first 48 hours following application.

DRYING SCHEDULE:

Air dry	**Out of Dust**	45 minutes at 75º F
	To Deliver	Overnight
Force Dry	30 minutes at 120º F surface temperature	
Buffing Times	**Air Dry**	After 24 hours
	Force Dry	30 minutes after cool down

REGULATORY DATA

	As Packaged		As Applied	
	Lb/Gal	**G/L**	**Lb/Gal**	**G/L**
Density	8.28	992	8.31	995
	% by Wt.	**% by Vol.**	**% by Wt.**	**% by Vol.**
Volatiles	56.2	61.2	64.9	69.2
Water	0	0	0	0
Exempt Compounds	31.1	32.8	48.1	50.1
	Lb/Gal	**G/L**	**Lb/Gal**	**G/L**
VOC Total	2.08	249	1.39	167
VOC Less Exempt	3.09	370	2.8	335
	Lb/Gal	**KG/L**	**Lb/Gal**	**KG/L**
HAPs	1.18	0.142	0.6	0.072

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