



GENERAL INFORMATION

CPS2035 Multi-Use Direct to Metal Primer surfacer/sealer is formulated to provide the ultimate in performance, productivity, versatility, adhesion, durability, moisture and corrosion resistance, and superior sanding and sealing characteristics.



1. COMPONENTS

- CPS2035 Primer
- CPS1-5 Colorants
- DTMA2035 Activator
- X01 Fast Exempt Uni-Solvent LV
- X02 Medium Exempt Uni-Solvent LV
- 171 Fast Uni-Solvent up to 75°F (24°C)
- 172 Medium Uni-Solvent 75°-85°F (24°-29°C)
- 173 Slow Uni-Solvent 85°-95°F (29°-35°C)
- 174 Very Slow Uni-Solvent 95°F (35°C) and over



2. MIXING RATIO

PRIMER- 4:1:1

Mix three (3) parts CPS2035 to one (1) part CPS 1-5 to create desired color. Mix four (4) parts CPS2035 tinted primer to one (1) part DTMA2035 activator and reduced with one (1) part reducer. (4:1:1 by volume). Use Uni-thinner LV X01 or X02 for 3.5 VOC compliance or Uni-solvent 171-174 for National Rule compliance. An additional 5% maximum Uni-solvent 171-174 can be added and maintain VOC compliance

SEALER- 4:1:2

Mix three (3) parts CPS2035 to one (1) part CPS 1-5 to create desired color. Mix four (4) parts CPS2035 tinted primer to one (1) part DTMA2035 activator and reduced with two (2) parts reducer. (4:1:2 by volume). Use Uni-thinner LV X01 or X02 for 3.5 VOC compliance or Uni-solvent 171-174 for National Rule compliance. An additional 5% maximum Uni-solvent 171-174 can be added and maintain VOC compliance



3. POT LIFE @ 77°F (25°C)

45-60 Minutes



4. CLEAN UP

Uni-Solvent / Uni-Solvent LV (check local regulations).



5. SURFACE PREPARATION

- Wash surface with mild detergent and water.
- Rinse and dry surface.
- Wipe surface with 155 Surface Cleaner (steel) or 170 AquaClean (steel/aluminum) and wipe dry with clean cloth before product flashes.
- Sand and featheredge substrate with 360 grit sandpaper or equivalent.
- Clean surface with 155 Surface Cleaner or 170 AquaClean and wipe dry with clean cloth before product flashes.



6. SUBSTRATES

- Properly cleaned and sanded aluminum, steel, galvanized steel or sand blasted steel
- Properly cleaned and sanded fiberglass, SMC, E-Coat and OEM Finish
- Properly cleaned OEM E-Coat.



7. APPLICATION

- Spray one to three medium wet coats (0.8-1.3 mils DFT as sealer, 1.3-1.8 mils DFT as primer)
- Allow 10-15 minutes between coats or until surface has dulled to a matte finish
- Surface temperature should be 50-100°F (10-38°C) with less than 80% humidity preferred



8. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

	PRIMER	SEALER
Flash Time	10-15 Minutes	5-10 Minutes
To Sand	60-90 Minutes	Nib Sand 20 Minutes
To Topcoat	30 Minutes	20-30 Minutes
To Topcoat Without Sanding	24 Hours Maximum	24 Hours Maximum



9. GUN SET UP

CONVENTIONAL GUN

	PRIMER	SEALER
Nozzle	1.5-1.9 mm	1.3-1.5 mm
Air Cap	1.5-1.9 mm	1.3-1.5 mm
Inlet Air Pressure	30-45 psi	30-45 psi

HVLP

	PRIMER	SEALER
Nozzle	1.5-1.9 mm	1.3-1.5 mm
Air Cap	1.5-1.9 mm	1.3-1.5 mm
Inlet Air Pressure	20-30 psi	25-35 psi
Air Pressure @ Cap	8-10 psi	8-10 psi



10. PHYSICAL DATA

	AS PRIMER	AS SEALER
VOC (PKG) per US Gal.	2.75	2.75
Viscosity (RTS) #2 Sig. Zahn @ 77°F	22 - 28 sec.	14 - 20 sec.
Viscosity (RTS) DIN 4 @ 77°F	23 - 22 sec.	< 15 sec.
Recommended DFT	1.3 - 1.8 mils	0.8 - 1.3 mils
National Rule (RTS)- Total Solids by Weight (RTS)	55.03%	49.31%
Total Solids by Volume (RTS)	36.17%	31.00%
Sq. Ft. Coverage/US Gal. @ 1 mil (RTS)	580.2	497.3
National Rule (RTS)- Total HAPS (lb HAPS/solid gal.)	1.69	2.45
VOC (RTS) per US Gal. (Using Uni-Solvent 171-174)	4.3 max.	4.8 max.
VOC (RTS) per US Gal. (Using Uni-Solvent LV X01 or X02)	3.5 max.	3.5 max.

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.