

GENERAL INFORMATION

P580 Ultra System Prime Plastic Adhesion is a ready to use 1K primer which can be used on most common plastics in car refinish such as PP, EPDM and ABS. And is re-coatable with all Ultra System 2K Primers and Surfacer and Ultra 9K basecoats.

MIXING RATIO



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POTLIFE



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GUN SETUP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,4	2/29
HE	1,3-1,4	2/29

COMPONENTS



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APPLICATION



1 coat 5 - 10 µm (0,2-0,4 mil)

ADDITIVES



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FLASH OFF AND DRY TIMES



AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	15 - 20 minutes	Flash off	-
Dust free	20 minutes	Dust free	-
Dry to handle	-	Dry to handle	-
Dry to tape	-	Dry to tape	-
Dry to sand	-	Dry to sand	-
Dry to polish	-	Dry to polish	-



After more than 2 hours drying of the P580 Ultra System Prime Plastic Adhesion, scuff with scuff pad fine or equivalent and re-apply P580 Ultra System Prime Plastic Adhesion.

SURFACE PREPARATION



Remove the release agent by washing down the substrate with hot soapy water and a scuff pad fine or equivalent. Rinse the substrate thoroughly with clean water. Blow dry the substrate, degrease with CL790 Ultra System Clean Surface Solvent. Scuff the unprimed plastic parts with a fine scuff pad to prepare smooth substrates and medium - coarse scuff pad for textured substrates. Degrease again with CL790 Ultra System Clean Surface Solvent.



Mask entire vehicle to eliminate unwanted overspray.

SUBSTRATES



PLASTIC SUBSTRATE CODE	TYPE
PP-EPDM	Flexible Plastic
TPO	Flexible Plastic
ABS	Medium Plastic
PUR	Flexible- Soft/Hard Plastic
PA	Hard Plastic

All common plastic types currently used to produce OEM exterior parts and used in the automotive refinish industry. Do not use with Polyethylene (PE) and pure Polypropylene (PP). Do not use on pre - primed plastic parts. If you're unsure of the plastic type, test the adhesion prior to refinishing.

NEXT LAYER



All Ultra 9K 2K Surfacer and primers
Ultra TC1

Except for epoxy primers and washprimers. For flexible and soft plastics add 10 - 30%, AD850 Ultra System Additive Elastify to the 2K paint systems before adding the activator and reducer if needed.

PHYSICAL DATA

EU REGULATIONS P580 Ultra System Prime Plastic Adhesion		
VOC Code	2004/42/IIIB(e)(840)830	
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.	IIIB/e. Special finishes - All types, EU limit values: 840 g/l. (2007). This product contains a maximum of 830 g/l VOC.	
Chemical Base	Special resins	
Physical Properties	Viscosity (RTS)	12 Dincup 4 / 20°C
	Specific Gravity (kg/l)	0,874
	Flash Point Closed Cup	24°C / 75,2°F
	Volume % Solids	4,4
	Economy	9 m²/L/50 µm
		365 ft²/Gal/0,2 mil
	Gloss	Matt
	Colour	-

PROTECTION



Use suitable respiratory protection (we recommend the use of a fresh air supply respirator).

For more detailed information please visit the following link for the Safety Data Sheet:

<https://sds.sherwin-automotive.com/en>

CLEANUP



CL780 Ultra System Clean Gun Solvent

STORAGE/SHELF LIFE



Minimum 3 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).

NOTES

