

Technical Data Sheet

Product Name	
Full Product Name	LV Plastic Primer
Type of Product	1K low VOC primer for bumper bars
Description	Concept LV Plastic Primer is an easy to apply primer, designed to meet low VOC regulations in Europe. It is characterised by excellent adhesion to plastic surfaces. It is commonly used for bumper bars such as PP, EPDM and TPO.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
LV Plastic Primer	3.4	4.0	0.875	7.30	840.6	7.02

Properties
<ul style="list-style-type: none"> • Ready to use
<ul style="list-style-type: none"> • Easy to apply
<ul style="list-style-type: none"> • Low VOC

Substrates
<ul style="list-style-type: none"> • ABS, PP/EPDM, PP, TPO, SAN, PC, PA, PUR-RIM, R-TPU, PPO, PBT, PUR, SOFT FOAM, UP-GF
<ul style="list-style-type: none"> • Glass reinforced polyester (GRP), thoroughly sanded and cleaned
<ul style="list-style-type: none"> • Note: Not suitable for vinyl upholstery









Substrate Preparation



All Substrates

- Wipe all plastic surfaces with warm soapy water then sand area with scotchbrite.
- Clean all areas to be painted with Concept LV Antistatic Cleaner before application of Concept LV Plastic Primer.



Product Preparation

	Reducer	Not required – product supplied ready to use.			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	11-12 s		
		Ford 4 Cup	10-11 s		
	Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
		Gravity feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		Suction feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		HVLP	1.2-1.3 mm 0.047-0.051"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	Number of coats	1-2	Apply one or two even coats, maximum Avoid heavy wet coats.		
	DFT Recommended	5 µm 0.2 mils			
	Flash off time @ 25°C (77°F)	5 min between coats			
	Drying	Air Dry @ 25°C (77°F)	30-40 min		

This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.

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Remarks

	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning

Use recommended Concept Paints 035 Gunwash
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Dry Film Properties

	After 7 days drying, <u>when compared to similar technology products.</u>
Flexibility	Excellent
Adhesion	Excellent

Product Data

Colour	Water white
Theoretical Coverage	Approx. 6.0 m ² /L (245 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

Product Packaging

Product Code	Product Name	Package Size
AU1659000000X	LV Plastic Primer	1L, 4L

Safety

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Isocyanate Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

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This Technical Data Sheet supersedes all previous issues.

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