

Date: 25th May 2021

Technical Data Sheet

Version:02

Product Name	
Full Product Name	2K WOW Primer (Wet On Wet)
Type of Product	2K acrylic urethane “wet-on-wet” primer surfacer
Description	Concept 2K WOW Primer is a wet-on-wet acrylic urethane primer surfacer specifically designed to give fast turnaround of refinish panel repairs. It is designed for use under a range of paint systems producing a smooth surface combined with excellent adhesion without the need for drying and sanding.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
2K WOW Primer	49.2	69.3	1.451	12.11	445.8	3.72
MS Uni Hardener Slow	35.4	40.9	1.004	8.38	593.8	4.96
MS Uni Hardener Normal	33.9	39.9	0.986	8.23	593.1	4.95
MS Uni Hardener Fast	33.6	40.2	0.968	8.08	578.3	4.83
MS Uni Hardener Super Fast	31.5	38.9	0.938	7.83	572.7	4.78
Infra-Red Primer Hardener	33.9	39.9	0.986	8.23	593.1	4.95
2K Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
2K Thinner	0.0	0.0	0.882	7.36	881.9	7.36
2K Thinner Fast	0.0	0.0	0.872	7.27	871.5	7.27

Properties
<ul style="list-style-type: none"> Superior flow and levelling properties, with good sag resistance Excellent intercoat adhesion and adhesion to paintable plastics Fast drying, suitable for fast turnaround of spot and panel repairs Suitable for use under a wide range of topcoats

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Substrates

- Mild Steel surfaces and paintable plastics
- Aluminium surfaces primed with Concept 103 Etch Primer
- New plastic bumper bars and after-market bumper bars and spoilers etc.
- Polyester spray filler
- Glass reinforced polyester (GRP & general types of fibreglass body parts)
- Sound, cured, cleaned and sanded existing surfaces

Substrate Preparation



Plastic Substrates

All plastic surfaces must be thoroughly sanded and then cleaned with Concept Antistatic Cleaner prior to application.



Other Substrates















All other surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. Lightly rusted surfaces must be treated with Concept 025 Rust Converter.

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Product Preparation

	Mixing Ratio 4:1 (by volume)		Concept 2K WOW Primer	Concept MS Uni Hardener	
			4 parts	1 part	
	Reducer	Up to 20% (v/v) of Concept 2K Thinner, if required.			
	Pot life @ 25°C (77°F)	2-3 hours			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	18-20 s 16-17 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
		Airless Air Assisted Electrostatic	Consult the manufacturer's instructions.		
	Number of coats	1-2 coats	Apply one or two even coats. Avoid heavy wet coats.		
	DFT Recommended	40-50 µm (1.6-2.0 mils)			
	Flash off time @ 25°C (77°F)	5 min between coats			
	Drying	Air Dry	15 min @ 25°C (77°F) before topcoating.		
	Using Infra-Red Primer Hardener	Infra-Red Dry	12-15min short wave; 18-22 min medium wave		

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.



The choice of hardener will depend on the size of the painted area and ambient conditions.

Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Note:

Avoid applying excessive film build

Equipment Cleaning

Use recommended Concept Paints 035 Gunwash

Dry Film Properties

After 7 days drying,
when compared to similar technology products.

Water Resistance

Excellent

Petrol Resistance

Good

Sanding

Very good

Flexibility

Excellent

Topcoat Holdout

Excellent

Product Data

Colour

Grey

Theoretical Coverage

Approx. 8 m²/L (325 ft²/US gal) @ recommended DFT

Shelf Life

36 months in an unopened container
at room temperature away from sunlight.

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Product Packaging

Product Code	Product Name	Package Size
AU1406200000X	2K WOW Primer	1L, 4L
AU2139100000X	MS Uni Hardener Slow	250mL, 1L
AU2139200000X	MS Uni Hardener Normal	250mL, 1L
AU2139300000X	MS Uni Hardener Fast	250mL, 1L
AU2139400000X	MS Uni Hardener Super Fast	250mL, 1L
AU2269200000X	Infra-Red Primer Hardener	1L
AU8319100000X	2K Thinner Slow	1L, 4L, 20L
AU8319200000X	2K Thinner	1L, 4L, 20L
AU8319300000X	2K Thinner Fast	1L, 4L, 20L

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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