

Technical Data Sheet

All safety equipment must be worn and used with this product before starting

Product Name	
Full Product Name	SQ24 UV 1K Primer Filler (DTM)
Type of Product	UV Primer Filler
Description	The SQ24 UV 1K Primer Filler (DTM) is used for vehicle & automotive parts surface repair. The product cures with UV light, it has good filling properties as a high solids primer and is easy to sand. This product is direct to metal (DTM).

Products		
Product Name	Weight Solids %	Density g/mL lbs/US gal
SQ24 UV 1K Primer Filler (DTM)	50	1.2 10.01

Properties
• Superb filling property
• Fast curing and easy sanding
• Excellent topcoat colour hold out
• Excellent adhesion to properly prepared substrate
• Excellent drying and sag resistance
• High film build per coat (high solids)

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Substrates

- Mild steel surfaces
- Concept 2K Etch or Concept Primers
- Glass reinforced polyester (GRP & general types of fibreglass body parts)
- Sound, cured, cleaned and sanded existing surfaces
- Polyester Putty, epoxy primer, etc.





Substrate Preparation



All Substrates

All 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.

Product Preparation

	Mixing Ratio RFU	Stir well before use (Ready for Use)	
	Reducer	Addition of Q17 UV Thinner if necessary	
	Pot life @ 25°C (77°F)	N/A	
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	17-18 sec
		Ford 4 Cup	15-16 sec

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
Product Preparation cont

Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
	Gravity feed	1 - 2 mm 0.051-0.055"	200-240 kPa 2.0-2.4bar 30-35psi	15-20 cm 6-8 inch
	Suction feed	1 - 4 mm 0.051-0.055	200-240 kPa 2.0-2.4bar 30-35psi	15-20 cm 6-8 inch
	HVLP	1.2-1.3 mm 0.047-0.051	40-70kPa 0.4-0.7bar 6-10psi	15-20 cm 6-8 inch
	Number of coats	1	Apply one medium coat.	
	DFT Recommended	50-60µm		
	Flash off time @ 25°C (77°F)	2 min		
	UV Drying	CONCEPT UV LAMP @ 30°C (86°F)	After flash off 2 minutes. Use UV Lamp irradiating 60 sec for curing USE ONLY THE CONCEPT UV B LAMP - VERY IMPORTANT THAT ALL SAFETY EQUIPMENT IS WORN	
	Sanding	Wet sand with P600-P800 before applying finish coat or Dry sand with P240 followed by P400-P500 using an orbital sander		

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
NOTE:	Ensure the complete removal of any residue of Rust Converter before applying this primer

Equipment Cleaning	
Use recommended Concept Paints 035 Gunwash	

Dry Film Properties	
Hardness	Good
Flexibility	Good
Chemical and water resistance	Good
Corrosion protection	Good

Product Data	
Colour	Light grey
Shelf Life	12 months in original packing

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Product Packaging

Product Code	Product Name	Package Size
AU18190000001	SQ24 UV 1K Primer Filler (DTM)	1L
AU88092000001	Q17 UV Thinner	1L

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 Monomer and Photoinitiator 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.

UV light can react with the skin and eyes causing burns and blindness. Over exposure can lead to melanomas. Only approved UV lamps should be used with these products. UV lamps must be held or installed in a manner that neither the operator and or surrounding people are exposed to direct light. Use only UV Safety Glasses / Goggles which comply with AS/NZS 1337. Gloves and long sleeves must be worn to protect skin from reflected light off painted surfaces.

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This Technical Data Sheet supersedes all previous issues.

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