

# Technical Data Sheet

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

Product Name	
Full Product Name	<b>Q28 UV (HS) 1K Primer Filler (DTM)</b>
Type of Product	UV High Solid Primer Filler
Description	The Q28 UV (HS) 1K Primer Filler (DTM) is used for vehicle & automotive parts surface repair. To the exposed metal substrate surface, apply body filler first, then coat with this product. This product has good filling properties and is easy to sand. This is a high solids product.

Products		
Product Name	Weight Solids %	Density g/mL   lbs/US gal
Q28 UV (HS) 1K Primer Filler (DTM)	65	1.24   10.34

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 primed with Concept 1K Etch Primer
- Aluminium surfaces primed with Concept 1K Etch Primer
- 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

	<b>Mixing Ratio</b> RFU	Stir well before use	
	<b>Reducer</b>	Addition of Q17 UV Thinner if necessary	
	<b>Pot life</b> @ 25°C (77°F)	N/A	
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b> <b>Ford 4 Cup</b>	17-18 sec 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 - 2 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	2-3	Apply two-three coats. First coat as a light(setup) coat followed by the second and third as even coats with no flash off in between. Avoid heavy wet coats.	
	DFT Recommended	50-60µm		
	Flash off time @ 25°C (77°F)	2 min		
	UV Drying	<b>CONCEPT UV LAMP</b> @ 30°C (86°F)	2 minutes flash off Use UV Lamp irradiating 60 sec for curing. <b>USE ONLY THE CONCEPT UV B LAMP - VERY IMPORTANT THAT ALL SAFETY EQUIPMENT IS WORN</b>	
	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
<b>NOTE:</b>	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
Durability	Good

Product Data	
Colour	Off White
Shelf Life	12 months in original packing

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## Product Packaging

Product Code	Product Name	Package Size
AU18090000001	Q28 UV (HS) 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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