

Technical Data Sheet

| Product Name | |
|-------------------|--|
| Full Product Name | 1K Premier Primer |
| Type of Product | 1K acrylic high build primer |
| Description | Concept 1K Premier Primer is a high build acrylic based product. The formulation ensures that there's no need to apply a putty and a primer over a prepared surface. It is suitable for use under 1K acrylic topcoats. |

| Products | | | | | | |
|-------------------|---------------|---------------|---------|------------|-------|------------|
| Product Name | Volume Solids | Weight Solids | Density | | VOC | |
| | % | % | g/mL | lbs/US gal | g/L | lbs/US gal |
| 1K Premier Primer | 29.4 | 50.5 | 1.205 | 10.05 | 596.3 | 4.98 |
| 808 Multi-Thinner | 0.0 | 0.0 | 0.805 | 6.71 | 803.5 | 6.71 |

| Properties |
|--|
| <ul style="list-style-type: none"> • Fast dry |
| <ul style="list-style-type: none"> • Chromate free |
| <ul style="list-style-type: none"> • High build |
| <ul style="list-style-type: none"> • Easy to sand with reduced paper clogging |

Substrates

| |
|--|
| <ul style="list-style-type: none"> Mild steel surfaces primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey |
| <ul style="list-style-type: none"> Aluminium surfaces primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey |
| <ul style="list-style-type: none"> Stainless steel grade 316 primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey |
| <ul style="list-style-type: none"> Galvanised steel, Zinalume, Zincanneal primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey |
| <ul style="list-style-type: none"> Glass reinforced polyester (GRP & general types of fibreglass body parts) primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey |
| <ul style="list-style-type: none"> Sound existing finishes |





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

| | | | | | |
|---|--------------------------------------|--|----------------------------|---|-----------------------|
|  | Reducer | 50% (v/v) of Concept 808 Multi-Thinner | | | |
|  | Pot life @ 25°C (77°F) | N/A | | | |
|  | Spray viscosity @ 25°C (77°F) | BSB 4 Cup | 20-22 s | | |
| | | Ford 4 Cup | 17-19 s | | |
|  | Spray equipment | Gun type | Fluid tip | Spray pressure | Spray Distance |
| | | Gravity feed | 1.5-2.0 mm 0.059-0.079" | 200-240 kPa 2.0-2.4 bar 30-35 psi | 15-20 cm 6-8 inch |
| | | Suction feed | 1.5-2.0 mm 0.059-0.079" | 200-240 kPa 2.0-2.4 bar 30-35 psi | 15-20 cm 6-8 inch |
| | | HVLP | 1.5-1.8 mm 0.059-0.071" | 40-70 kPa 0.4-0.7 bar 6-10 psi | 15-20 cm 6-8 inch |

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|--|-------------------------------------|--|--|
|  | Number of coats | 2-3 | Apply one coat followed by two even full coats. Avoid heavy wet coats. |
|  | DFT Recommended | 50-80 µm 2.0-3.2 mils | |
|  | Flash off time @ 25°C (77°F) | 5 min between coats | |
|  | Drying | Air Dry @ 25°C (77°F) | 40-60 min |
|  | Sanding | Wet sand with P600-P800 before applying finish coat or Dry sand with 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. | | | |

| 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 | |
| Dry Film Properties | After 7 days drying, <u>when compared to similar technology products.</u> |
| Adhesion | Excellent |
| Corrosion protection | Excellent |
| Sanding | Excellent |

Technical Data Sheet

| Product Data | |
|----------------------|---|
| Colour | Grey |
| Theoretical Coverage | Approx. 3.5 m ² /L (145 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 |
| AU1046200000X | 1K Premier Primer | 1L, 4L |
| AU8089200000X | 808 Multi-Thinner | 1L, 4L, 20L |

| Safety |
|--|
| <p>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.</p> <p>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.</p> |

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This Technical Data Sheet supersedes all previous issues.

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