

# Technical Data Sheet

| <b>Product Name</b> |   |
|---------------------|---|
| Full Product Name   | <b>Acrylic Primer - Grey</b>  |
| Type of Product     | 1K acrylic primer   |
| Description         | Concept Acrylic Primer - Grey is a 1K acrylic primer for use prior to the application of acrylic or industrial enamel paints. Concept's Acrylic Primer - Grey is fast drying with excellent adhesion properties to correctly prepared surfaces. |

| <b>Products</b>       |                    |                    |         |            |       |            |
|-----------------------|--------------------|--------------------|---------|------------|-------|------------|
| Product Name          | Volume Solids<br>% | Weight Solids<br>% | Density |            | VOC   |            |
|                       |                    |                    | g/mL    | lbs/US gal | g/L   | lbs/US gal |
| Acrylic Primer - Grey | 37.1               | 55.9               | 1.194   | 9.97       | 526.5 | 4.39       |
| 808 Multi Thinner     | 0.0                | 0.0                | 0.805   | 6.71       | 803.5 | 6.71       |

| <b>Properties</b>  |
|--|
| <ul style="list-style-type: none"> <li>• Excellent adhesion</li> </ul>                       |
| <ul style="list-style-type: none"> <li>• Fast drying</li> </ul>                              |
| <ul style="list-style-type: none"> <li>• Good flow properties</li> </ul>                     |
| <ul style="list-style-type: none"> <li>• Easy to sand with reduced paper clogging</li> </ul> |

## Substrates

- Mild Steel primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey
- Galvanised iron, Zinalume, Zincanneal primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey
- Aluminium primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey
- Polyester spray filler
- Glass reinforced polyester (GRP & general types of fibreglass body parts)
- Sound existing surfaces







## 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>Reducer</b>                          | 150% v/v of Concept 808 Multi Thinner |                            |   |                       |
|    | <b>Pot life</b><br>@ 25°C (77°F)        | N/A                                   |                            |   |                       |
|    | <b>Spray viscosity</b><br>@ 25°C (77°F) | <b>BSB 4 Cup</b>                      | 14-18 s                    |   |                       |
|   |   | <b>Ford 4 Cup</b>                     | 12-16 s                    |   |                       |
| <br><br> | <b>Spray equipment</b>                  | <b>Gun type</b>                       | <b>Fluid tip</b>           | <b>Spray pressure</b>                   | <b>Spray Distance</b> |
|   |   | <b>Gravity feed</b>                   | 1.8-2.0 mm<br>0.071-0.079" | 200-240 kPa<br>2.0-2.4 bar<br>30-35 psi | 15-20 cm<br>6-8 inch  |
|   |   | <b>Suction feed</b>                   | 1.8-2.0 mm<br>0.071-0.079" | 200-240 kPa<br>2.0-2.4 bar<br>30-35 psi | 15-20 cm<br>6-8 inch  |
|   |   | <b>HVLP</b>                           | 1.5-1.8 mm<br>0.059-0.071" | 40-70 kPa<br>0.4-0.7 bar<br>6-10 psi    | 15-20 cm<br>6-8 inch  |

## Product Preparation cont

|   |                                     |  |   |
|---|-------------------------------------|--|---|
|   | <b>Number of coats</b>              | 2-3  | Apply one coat followed by one or two even full coats. Avoid heavy wet coats. |
|   | <b>DFT Recommended</b>              | 50-80 µm<br>2.0-3.2 mils   |   |
|   | <b>Flash off time @ 25°C (77°F)</b> | 5-10 min between coats   |   |
|   | <b>Drying</b>                       | <b>Air Dry @ 25°C (77°F)</b>   | 40-60 min   |
|   | <b>Sanding</b>                      | Wet sand with P600-P800 before applying finish coat or Dry sand with P400-P500 using an orbital sander |   |
| <p>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.</p> |                                     |  |   |

## 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, **when compared to similar technology products.**

|                             |           |
|-----------------------------|-----------|
| <b>Adhesion</b>             | Excellent |
| <b>Corrosion protection</b> | Excellent |
| <b>Sanding</b>              | Excellent |

# Technical Data Sheet

| Product Data         |   |
|----------------------|---|
| Colour               | Grey  |
| Theoretical Coverage | Approx. 4.0 m <sup>2</sup> /L (285 ft <sup>2</sup> /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 |
| AU1086200000X     | Acrylic Primer - Grey | 1L, 4L, 20L  |
| 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.

Concept Paints  
26-30 Charles Street  
St Marys NSW 2760  
Sydney, Australia

ph. +61 (2) 9673 2555  
fax. +61 (2) 9623 1918  
office@conceptpaints.com.au  
www.conceptpaints.com.au