

Technical Data Sheet

| Product Name | |
|-------------------|--|
| Full Product Name | Acrylic White (Hi-Opacity) |
| Type of Product | 1K acrylic topcoat |
| Description | Concept Acrylic White (Hi-Opacity) is a high gloss and high opacity acrylic white topcoat, designed for automotive components. It is characterized by its excellent adhesion and long-term durability. |

| Products | | | | | | |
|----------------------------|---------------|---------------|---------|------------|-------|------------|
| Product Name | Volume Solids | Weight Solids | Density | | VOC | |
| | % | % | g/mL | lbs/US gal | g/L | lbs/US gal |
| Acrylic White (Hi-Opacity) | 29.1 | 46.6 | 1.153 | 9.62 | 552.2 | 4.61 |
| Acrylic Thinner | 0.0 | 0.0 | 0.840 | 7.01 | 839.8 | 7.01 |
| 810 Retarder Thinner | 0.0 | 0.0 | 0.884 | 7.38 | 884.0 | 7.38 |

| Properties |
|--|
| <ul style="list-style-type: none"> • High gloss • High opacity |

| Substrates |
|---|
| <ul style="list-style-type: none"> • Concept Acrylic Primer - Grey • Concept Two in One Primer - Beige • Concept 103 Etch Primer • Concept 111 Universal Primer • Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels. |










Substrate Preparation





All Substrates

All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

Product Preparation

| | | | | | |
|---|--------------------------------------|--|---|---|-----------------------|
|  | Reducer | 150% (v/v) Concept Acrylic Thinner 5-10% Concept 810 Retarder Thinner, if required (to minimise blooming) | | | |
|  | Pot life @ 25°C (77°F) | N/A | | | |
|  | Spray viscosity @ 25°C (77°F) | BSB 4 Cup | 18-19 s | | |
| | | Ford 4 Cup | 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 |
|  | Number of coats | 3-4 | Apply one coat followed by two or three even full 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 @ 25°C (77°F) | 40-60 min | | |
|  | Polishing | Sand with P1200 before polishing | | | |

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> |
|---------------------|--|
| Gloss | High |
| Adhesion | Excellent |
| Durability | Excellent |

| Product Data | |
|----------------------|---|
| Colour | White |
| Theoretical Coverage | Approx. 5.0 m ² /L (205 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 |
| AU4066000000X | Acrylic White (Hi-Opacity) | 1L, 4L, 20L |
| AU8029200000X | Acrylic Thinner | 1L, 4L, 20L |
| AU8109200000X | 810 Retarder Thinner | 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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