

Technical Data Sheet

| Product Name | |
|---------------------|---|
| Full Product Name | HS 2K White (Hi-Opacity) |
| Type of Product | 2K acrylic urethane topcoat |
| Description | Concept HS 2K White (Hi-Opacity) is a high performance 2K white topcoat. It is characterized by its high opacity, excellent flow, producing a high gloss as well as excellent chemical resistance and durability. |

| Products | | | | | | |
|----------------------------|-----------------|-----------------|---------|------------|-------|------------|
| Product Name | Volume Solids % | Weight Solids % | Density | | VOC | |
| | | | g/mL | lbs/US gal | g/L | lbs/US gal |
| HS 2K White (Hi-Opacity) | 50.0 | 53.9 | 1.047 | 8.74 | 482.9 | 4.03 |
| MS Uni Hardener Slow | 35.4 | 40.9 | 1.004 | 8.38 | 593.8 | 4.96 |
| MS Uni Hardener Normal | 33.3 | 39.9 | 0.986 | 8.23 | 593.1 | 4.95 |
| MS Uni Hardener Fast | 33.6 | 40.2 | 0.968 | 8.08 | 578.3 | 4.83 |
| MS Uni Hardener Super Fast | 31.5 | 38.9 | 0.938 | 7.83 | 572.7 | 4.78 |
| 2K Thinner Slow | 0.0 | 0.0 | 0.893 | 7.45 | 892.7 | 7.45 |
| 2K Thinner | 0.0 | 0.0 | 0.882 | 7.36 | 881.9 | 7.36 |
| 2K Thinner Fast | 0.0 | 0.0 | 0.872 | 7.27 | 871.5 | 7.27 |

| Properties |
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| <ul style="list-style-type: none"> • High opacity and performance |
| <ul style="list-style-type: none"> • Fast drying |
| <ul style="list-style-type: none"> • Excellent through cure |
| <ul style="list-style-type: none"> • Excellent levelling and flow |
| <ul style="list-style-type: none"> • High gloss |

Substrates

- Concept HS 2K 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

| | | | | | |
|--|---|---|---|---|-----------------------|
| | Mixing Ratio 2:1 (by volume) | Concept HS 2K White (Hi-Opacity) | | Concept MS Uni Hardener | |
| | | 2 parts | | 1 part | |
| | Reducer | Up to 10% (v/v) of Concept 2K Thinner, if required. | | | |
| | Pot life @ 25°C (77°F) | 2-3 hours | | | |
| | Spray viscosity @ 25°C (77°F) | BSB 4 Cup Ford 4 Cup | 16-17 s 14-15 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 | 2-3 | Apply one coat followed by one or two even full coats. Avoid heavy wet coats. | | |

Product Preparation cont

| | | | |
|---|-------------------------------------|--------------------------------|-------------|
|  | DFT Recommended | 40-50 µm 1.6-2.0 mils | |
|  | Flash off time @ 25°C (77°F) | 5-10 min between coats | |
|  | Drying | Air Dry @ 25°C (77°F) | 16-24 hours |
| | | Low Bake @ 50°C (122°F) | 30-40 min |
| <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

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| Use recommended Concept Paints 035 Gunwash |
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Dry Film Properties

After 7 days drying, **when compared to similar technology products.**

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|----------------------------|-----------|
| Gloss | Excellent |
| Chemical resistance | Excellent |
| Durability | Excellent |

Technical Data Sheet

| Product Data | |
|----------------------|---|
| Colour | White |
| Theoretical Coverage | Approx. 9.0 m ² /L (365 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 |
| AU4106000000X | HS 2K White (Hi-Opacity) | 1L, 4L, 20L |
| AU2139100000X | MS Uni Hardener Slow | 500 mL, 1L |
| AU2139200000X | MS Uni Hardener Normal | 500 mL, 1L |
| AU2139300000X | MS Uni Hardener Fast | 500 mL, 1L |
| AU2139400000X | MS Uni Hardener Super Fast | 500 mL, 1L |
| AU8319100000X | 2K Thinner Slow | 4L, 20L |
| AU8319200000X | 2K Thinner | 1L, 4L, 20L |
| AU8319300000X | 2K Thinner Fast | 4L, 20L |

| Safety |
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| <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