

Technical Data Sheet

| Product Name | |
|-------------------|---|
| Full Product Name | 1K Full Gloss Acrylic White |
| Type of Product | 1K acrylic topcoat |
| Description | Concept 1K Full Gloss Acrylic White is a high-gloss acrylic white topcoat, characterised by its smooth, even finish with excellent flexibility, hardness, and water resistance. |

| Products | | | | | | |
|-----------------------------|-----------------|-----------------|---------|------------|-------|------------|
| Product Name | Volume Solids % | Weight Solids % | Density | | VOC | |
| | | | g/mL | lbs/US gal | g/L | lbs/US gal |
| 1K Full Gloss Acrylic White | 29.1 | 46.6 | 1.153 | 9.62 | 552.2 | 4.61 |
| Lacquer Thinner | 0.0 | 0.0 | 0.840 | 7.01 | 839.8 | 7.01 |

| Properties |
|---|
| <ul style="list-style-type: none"> • Smooth finish |
| <ul style="list-style-type: none"> • Excellent flexibility |

| Substrates |
|--|
| <ul style="list-style-type: none"> • Concept 1K Timber Sealer |
| <ul style="list-style-type: none"> • Concept 1K Timber Primer White |
| <ul style="list-style-type: none"> • Concept 2K Timber Sealer (4:1) |
| <ul style="list-style-type: none"> • Concept 2K Timber Primer – White (4:1) |










Substrate Preparation





All Substrates

All surfaces must be thoroughly sanded prior to application. Ensure all surfaces are clean and free from loose particles.

Product Preparation

| | | | | | |
|---|--------------------------------------|---------------------------------------|---|---|-----------------------|
|  | Reducer | 150% (v/v) of Concept Lacquer Thinner | | | |
|  | 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 | 2-3 | Apply one coat followed by one or two even full coats. Avoid heavy wet coats. | | |
|  | | | | | |
|  | DFT Recommended | 40-50 µm 1.6-2.0 mils | | | |
|  | Flash off time @ 25°C (77°F) | 5-10 min between coats | | | |
|  | Drying | Air Dry @ 25°C (77°F) | 40-60 min | | |

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> |
| Hardness | Excellent |
| Water resistance | Excellent |

| Product Data | |
|----------------------|---|
| Colour | White |
| Gloss | High |
| 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 |
| TI40660000020 | 1K Full Gloss Acrylic White | 20L |
| TI8029200000X | Lacquer Thinner | 4L, 20L |

Safety

For professional use only. Read and follow all label and Safety Data Sheet (SDS) precautions before opening or using. If mixed with other components, the mixture will have hazards of all individual components. Use approved respiratory protection and Personal Protective Equipment (PPE). Ensure adequate ventilation.

The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check if the information is current and the product is suitable for its intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved.

We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.

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