


| Product Name | |
|-------------------|--|
| Full Product Name | 2K Satin Timber Clear (2:1) |
| Type of Product | 2K polyurethane clearcoat |
| Description | Concept 2K Satin Timber Clear (2:1) is a Satin 2K clearcoat for timber substrates. It is characterised by its superior flow, exceptional chemical resistance, flexibility, and hardness. |













| Products | | | | | | |
|-----------------------------|-----------------|-----------------|---------|------------|-------|------------|
| Product Name | Volume Solids % | Weight Solids % | Density | | VOC | |
| | | | g/mL | lbs/US gal | g/L | lbs/US gal |
| 2K Satin Timber Clear (2:1) | 39.7 | 45.1 | 1.005 | 8.36 | 565.3 | 4.44 |
| 2K Timber Hardener (2:1) | 41.9 | 48.4 | 1.005 | 8.39 | 517.7 | 4.32 |
| 2K Thinner | 0.0 | 0.0 | 0.882 | 7.36 | 881.9 | 7.36 |

| Properties |
|---|
| <ul style="list-style-type: none"> Superior flow |
| <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 2K Timber Sealer (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

| | | | | | |
|---|---|--|---|---|-----------------------|
|  | Mixing Ratio 2:1 (by volume) | Concept 2K Satin Timber Clear (2:1) | | Concept 2K Timber Hardener (2:1) | |
| | | 2 parts | | 1 part | |
|  | Reducer | 5% (v/v) of Concept 2K Thinner may be added, if required | | | |
|  | Pot life @ 25°C (77°F) | 6-8 hours | | | |
|  | Spray viscosity @ 25°C (77°F) | BSB 4 Cup Ford 4 Cup | 18-19 s 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 | 50-60 µm 2.0-2.4 mils | | | |
|  | Flash off time @ 25°C (77°F) | 5-10 min between coats | | | |
|  | Drying | Air Dry @ 25°C (77°F) | 12-16 hours | | |

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.

Technical Data Sheet

| 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 |
| Chemical resistance | Excellent |

| Product Data | |
|----------------------|---|
| Colour | Slight Haze |
| Gloss | Satin |
| Theoretical Coverage | Approx. 6.0 m ² /L (285 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 |
| TI7249002000X | 2K Satin Timber Clear (2:1) | 4L, 20L |
| TI72292000001 | 2K Timber Hardener (2:1) | 1L |
| TI8319200000X | 2K 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.

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 (PPE). Ensure adequate ventilation.

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This Technical Data Sheet supersedes all previous issues.

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