

TECHNICAL DATA SHEET

PROMINENT PREMIUM SATIN SILK

Date: January 2021



THIS SUPERCEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A superior quality, fully washable acrylic with a soft, luxurious satin smooth finish.

INTENDED USES:

1. Formulated for use on correctly primed interior and exterior surfaces such as walls, wood, fascias and steel.

FEATURES:

1. Non-yellowing
Unlike alkyd based paints, whites remain white.
2. Water-based
Easy cleaning, low odour and quick drying.
3. Hardwearing and washable
4. Resist staining
Easy to clean and remove dirt and grime.
5. Good adhesion
Can be applied to previously coated, sound surfaces.
6. UV Resistant
Does not chalk on outside exposure – normal fading of colours can take place over time.
7. Low VOC, reduces the odour associated with painting indoors.
8. Can be tinted to specific colour requirements.

PRODUCT INFORMATION:

Appearance:	Sheen.
Colours:	White and Tint bases to tint most of the colours on the tint system.
Solids:	± 46.8% by mass and 34% by volume.
Density:	1,25kg/l.
Recommended Wet Film Thickness:	103µm
Recommended Dry Film Thickness:	2 coats x 35µm per coat.
Spreading rate:	6 - 10m ² /l dependent on surface texture and porosity.
Viscosity at 23°C:	105-115Kµ.
Life expectancy:	12 Years, interior and exterior.
Flash point:	Non-flammable.
Calculated max VOC:	9.4g/L maximum for white, pastel tinting base and selected standard colours.
Respecting the environment:	Dispose of excess product and containers in a responsible manner without harming the environment.

This product is manufactured under strict SABS ISO 9001:2015 quality standards

STORAGE:

Keep containers properly sealed.
Store away from direct heat, sun and severe cold in a place with adequate ventilation.

PACKAGING:

White, Pastel Base & Clear Base
1Lt, 5Lt, 20Lt

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APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to a homogenous consistency. Stir occasionally during use.		
Method:	Roller (short, medium and long woven pile), brush or airless spray gun.		
Thinning:	Not recommended.		
Cleaning:	Remove as much of the product as possible from the application equipment before cleaning with water.		
Application Conditions:	<u>Surface Temperature</u>	<u>Ambient Temperature</u>	<u>Relative Humidity</u>
	Min: 5°C	Min: 5°C	Min: 10°C
	Or 3°C above dew point, if possible away from direct sunlight.		
	Max: 40°C	Max: 40°C	Max: 85%
Drying time:	<u>Touch dry:</u> 1h at 23°C	<u>Overcoating:</u> 4h at 23°C	
	Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase) whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).		
Requirements:	2 coats minimum. Some bright/chromatic colours might require additional coats.		

SURFACE PREPARATION

Surfaces must be sound, clean and dry (moisture content below 15%) before painting. Newly applied plaster need to be left for 21 to 28 days or 1 week for every 5mm thickness of plaster. Undesirable weather conditions e.g. cold or wet weather conditions will result in extended curing period.

Plaster sand to comply with SABS 1090 requirements. Plaster mix must have a minimum thickness of 10mm, free from soft and friable material and comply with SABS 0164-1 for strength (MPA).

New work:

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| 1. Interior and Exterior cement plaster and fibre cement | One coat Prominent Dampcure or Prominent Select Plaster Primer. |
| 2. Gypsum plaster, Rhinolite, Cretestone, etc. | One coat Prominent Select Plaster Primer or Prominent Damp Cure. |
| 3. Wood | One coat Prominent Wood Primer. |
| 4. Mild steel | Degrease surface with Prominent General Purpose Cleaner at a diluted ratio of 1:10 with water using abrasive pad to remove any oil, Rinse with clean water. Apply 1 coat Prominent Machinery Enamel Primer – Zinc phosphate or 2 coats Prominent Rust Primer and 1 coat Prominent Select Universal Undercoat. |
| 5. Galvanised iron | Remove fabricators pre-treated oil, oxidation or any other contamination with Prominent General Purpose Cleaner at a diluted ratio of 1:10 with water and then rinse with clean water. Make use of Prominent Multi Surface Etch Cleaner and abrasive pads. Ensure that a <u>water break-free surface</u> is obtained. Rinse well and allow drying before applying 1 coat Prominent Rust Primer. |

Redecorating:

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| 1. Gloss enamel | Sand well, clean and apply Prominent Select Universal Undercoat. |
| 2. Emulsion paint in a good condition | Clean well and apply directly. |
| 3. Chalky surfaces | Wire brush/high-pressure water wash at 200 bar and a rotating nozzle and allow curing. Apply one coat Prominent Dampcure or Prominent Surface Restorer. |
| 4. Poor condition surfaces | Strip down and treat as new work. |

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LIMITATIONS:

1. The low VOC compliance is applicable on white, pastel tinting base and clear tinting base.
2. Can only be applied under specified conditions.
3. Cannot be applied over poor quality undercoats or directly onto gypsum plaster.
4. Cannot be used for bridging hairline cracks.
5. Spot touching up over large areas will be noticeable.
6. To ensure a consistent colour appearance, ensure that batch numbers on all the containers are the same. Where the batch numbers differ, intermix before use.
7. When tinting dark colours from a clear tint base, note that the recommended DFT could be lower due to the volume solid content. For this reason additional coats may be required to achieve good opacity and an aesthetically pleasing finish.

SAFETY PRECAUTIONS:

1. Keep out of reach of children.
2. Ensure to maintain good ventilation during application and drying process.
3. Wear a suitable dust mask if sanding.
4. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice.
5. If product is ingested drink plenty of water. Do not induce vomiting at any time. Seek medical advice.
6. Do not smoke while painting.
7. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria. MSDS is available on www.prominentpaints.co.za or from Prominent Customer Service Department.
8. To avoid any risk of spillage, always transport in a secure upright position.
9. If the surface to be painted is asbestos then the preparation, cleaning and/or removal of broken asbestos sheeting needs to be done in compliance to the Asbestos Regulations, 2001 of the Occupational Health and Safety Act 1993. (ACT NO 85 of 1993). Contact Prominent Technical Department on 0861 776 646 or 011 389 4746 if a copy of the Asbestos Regulations is required.

TINT BASE:

Characteristics:

1. The tint base containers are only filled to levels which are specific for each tint base to allow the calculated volume of colourant to be added in order to achieve the volume indicated on the container after tinting.
2. Tint bases and colourants are unfinished products which should not be used on their own.
3. Only once the prescribed colourant is added to the specific tint base will the finished product comply with the technical features and related information as set out in this TDS.
4. The calculated max VOC compliance <16g/L is only applicable to product tinted from pastel base excluding clear base.

Product Information:

1. Colourant to be used: Prominent colourants are specifically formulated for use with Prominent Pro-Matic tinting system. ICC colourant which are, using only Prominent supported formulations on Largo 2000.
2. Tint Bases: Pastel Tint Base and Clear Tint Base.

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DISCLAIMER:

The information contained herein is given in good faith and is meant merely as a guide for the specifier or user. It is gained from results obtained from our experience and tests carried out under controlled conditions. No warranty/guarantee is implied since the conditions of use, application method, substrate and cleanliness of the substrate are beyond Prominent Paints control. For a surface specific specification contact Prominent Paints Customer Service Department for assistance. This issue supersedes all previous publications.

Important Note; Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used for reference. Prominent Paints Technical Data Sheets are available on www.prominentpaints.co.za or from Prominent Paint Customer Service Department.

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