

TECHNICAL DATA SHEET

PROMINENT PREMIUM GLOSS ENAMEL

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THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Premium quality gloss enamel for interior and exterior use.

INTENDED USES:

1. Final coat for correctly prepared and primed interior and exterior cement plaster, metal, wood or previously painted surfaces in sound condition.

FEATURES:

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| 1. High opacity | Good hiding for high gloss paint. |
| 2. Durable | Glossy finish resists scuffing and marring. |
| 3. Scrubbable | Withstands scrubbing. |
| 4. UV resistant | Good weathering on UV exposure. |
| 5. Good adhesion | Can be applied to previously coated, sound surfaces. |
| 6. Ease of application | Viscosity designed to give easy brushing. |
| 7. Can be tinted to specific colour requirements. | |

PRODUCT INFORMATION:

Appearance:	High gloss.
Colours:	White and black, standard colours as per colour card. Tint bases to tint most of the colours on the tint system.
Solids:	± 56.9% by mass and 41.2% by volume.
Density:	1,06kg/l.
Recommended Wet Film Thickness:	97 µm
Recommended Dry Film Thickness:	2 coats x 40µm per coat minimum.
Spreading rate:	10 - 12m ² /l dependent on surface texture and porosity.
Viscosity at 23°C:	65-75KU.
Life expectancy:	12 Years for specified interior and exterior applications.
Flash point:	45°C.
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:

PACKAGING:

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

White & Clear Tinting Base – 1Lt, 5Lt, 20Lt
Standard colours – 1Lt & 5Lt

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APPLICATION DETAILS:

<u>Mixing:</u>	Stir well before use with a flat paddle to an even consistency. Stir occasionally during use.		
<u>Method:</u>	Roller (use short nap roller - mohair), brush or airless spray.		
<u>Thinning:</u>	Not recommended. Prominent Mineral Turpentine if required to maximum 10%.		
<u>Cleaning:</u>	Remove as much of the product as possible from the application equipment before cleaning with Prominent Mineral Turpentine.		
<u>Application Conditions:</u>	<u>Surface Temperature</u>	<u>Ambient Temperature</u>	<u>Relative Humidity</u>
	Min: 5°C	Min: 5°C	Min: 10%
	Or 3°C above dew point, if possible, away from direct sunlight.		
	Max: 40°C	Max: 40°C	Max: 85%
<u>Drying time:</u>	<u>Touch dry:</u>	<u>Overcoating:</u>	
	4h at 23°C	16h 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).		
<u>Requirements:</u>	2 coats minimum. Some bright and chromatic colours may 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 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:

1. Cement Plaster 1 coat Prominent Damp Cure or Select Plaster Primer.
2. Gypsum Plaster 1 coat Prominent Damp Cure or Select Plaster Primer.
3. Metal (new) 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.
4. Metal (rusted) Remove loose rust. Clean surface with Prominent General Purpose Cleaner at a diluted ratio of 1:10 with water using a scouring pad, remove surface rust using Multi Surface Etch Cleaner with abrasive pad, rinse with water and allow drying. Apply 2 coats Prominent Rust Primer and 1 coat Prominent Select Universal Undercoat.
5. Wood 1 coat Prominent Wood Primer.
6. Aluminium Clean surface with Prominent Multi Surface Etch Cleaner with abrasive pad, rinse with water and allow drying. Apply 1 coat Prominent Ultra Prime.

Redecorating:

1. Gloss enamel Sand well, clean and apply directly.
2. Sound matt emulsion paint Clean well and apply directly.
3. Sound sheen emulsion paint Sand down and apply directly.
4. Poor condition surfaces Strip down and treat as new work.

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LIMITATIONS:

1. Cannot be applied to un-primed surfaces
2. Apply only under specified conditions.
3. Colour changes Prominent Generally first require a coat of Prominent Select Universal Undercoat.
4. Cannot be applied over poor quality undercoats or directly onto gypsum plaster.
5. Very cold conditions will lengthen the drying time.
6. Moisture content must not exceed 15%.
7. Adhere to spreading rates and recoating times to prevent wrinkling.
8. To ensure a consistent colour appearance, ensure that batch numbers on all the containers are the same.
9. Where the batch numbers differ, intermix before use.
10. When painting simultaneous with water based and enamel based paints in one room, the enamel paint tends to yellow during the drying process. This discolouration is most noticeable in white and light colours. It is an irreversible process, and once it occurs, the only remedy is to let the enamel paint harden, then lightly sand it before repainting with a non-yellowing water based system.
11. When tinting dark colours from a clear tint base, be aware that the recommended Dry Film Thickness (DFT) might be lower due to the volume of solid content. Therefore, additional coats may be necessary to achieve good opacity and an aesthetically pleasing finish. Bright and chromatic colours may require extra coats and premature fading could occur.

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 the Prominent Customer Service Department.
8. To avoid any risk of spillage, always transport in a secure upright position.

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.

Product Information:

Colourant to be used:

Prominent Paints colourants are specifically formulated for use with Prominent Paints Universal Stainer tinting system, which only uses Prominent supported formulations on Formula Pro software.

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 conducted 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 the 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 the Prominent Paints Customer Service Department.

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