

TECHNICAL DATA SHEET

PROMINENT PAINTS ULTRA MATT

Date: January 2023

THIS SUPERCEDES ALL PREVIOUS PUBLICATIONS



PRODUCT DESCRIPTION

A high-performance superior quality pure acrylic non-drip matt emulsion.

INTENDED USES:

1. Final coat for interior walls and ceilings.
2. Suitable for application to correctly primed metal and wood surfaces or previously painted surfaces in sound condition.

FEATURES:

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| 1. Excellent coverage | Matt. |
| 2. Aesthetically pleasing | Easy to apply, non-drip (product can be stirred directly before use). |
| 3. Thixotropic | |
| 4. Water and steam resistant | |
| 5. Water based | Easy cleaning, low odour and quick drying. |
| 6. Non-yellowing | Unlike alkyd based paints, whites remain white. |
| 7. Low VOC | Reduces the odour associated with painting indoors. |
| 8. Mar and scratch resistant | |
| 9. Resist staining | Easy to clean and remove dirt and grime. |
| 10. Good adhesion | Can be applied to previously coated, sound surfaces. |

PRODUCT INFORMATION:

Appearance:	Matt.
Colours:	White and tint bases to tint most of the colours in the tint system.
Solids:	± 51.6% by mass and ± 38.7% by volume.
Density:	1, 3Kg/litre.
Recommended Wet Film Thickness:	90µm
Recommended Dry Film Thickness:	2 coats at 35µm per coat minimum.
Spreading rate:	6 - 10m ² /litre dependent on surface texture.
Viscosity at 23°C:	113 – 123 Kµ
Life expectancy:	12 Years for specified interior applications.
Flash point:	Non-flammable.
Green Star Category	Walls & Ceilings.
Calculated maximum VOC	16g/L maximum for white & pastel colours tinted from white.
Respecting the environment:	Low VOC. 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:

1Lt, 5Lt, 20Lt

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APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to an even consistency. Stir occasionally during use.		
Method:	Roller (Short & Medium woven pile), brush and airless spray.		
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%
	or 3°C above dew point, if possible away from direct sunlight		
Drying time:	Max: 50°C	Max: 35°C	Max: 80%
	<u>Touch dry:</u>	<u>Overcoating:</u>	<u>Full cure:</u>
	1h to 2h at 23°C	6 - 8h at 23°C	7 days depending on weather conditions.
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 results 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 cement plaster and fibre cement | One coat Prominent Damp Cure or Prominent Select Plaster Primer. |
| 2. Ceilings | One coat Prominent Damp Cure or Prominent Select Plaster Primer. |
| 3. Gypsum Plaster | One coat Prominent Damp Cure or Prominent Select Plaster Primer. |
| 4. Wood | One coat Prominent Ultra Prime or Prominent Wood Primer. |
| 5. Mild steel | Degrease with Prominent General Purpose Cleaner diluted 1:10 with water using as abrasive pad. Allow to dry and apply two coats Prominent Ultra Prime or Prominent Rust Primer. |
| 6. 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. |

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SURFACE PREPARATION

Redecorating:

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| 1. Gloss enamel | Sand well, clean and apply directly. |
| 2. Emulsion paint | Clean well and apply directly. |
| 3. Chalky surfaces | Remove chalkiness and apply one coat Prominent Surface Restorer. |
| 4. Poor condition surfaces | Strip down and treat as new work. |

LIMITATIONS:

1. The low VOC compliance is applicable to Ultra Matt White and colours mixed from White for batches manufactured from 1 February 2011 onwards.
2. Wet film thickness measurements (WFT) need to be done with a good quality WFT comb, immediately after application, and serves as a guide to verify WFT during application. Only dry film thickness (DFT) measurements can be used as part of the quality control process.
3. Can only be applied under specified conditions.
4. Cannot be applied over poor quality undercoats or directly onto gypsum plaster.
5. Not suitable for use in showers.
6. The application of Prominent Ultra Matt to ceramic tiles is limited to wall surfaces only.
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. 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.
4. If product is ingested drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice.
5. 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.
6. To avoid any risk of spillage, always transport in a secure upright position.

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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 colourants 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 colourants 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 VOC compliance to 16g/L maximum is only applicable to product tinted from controlled white.

Product Information:

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

Tint Bases White and Clear Tinting Base.

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 control. For a surface specific specification contact Prominent 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 Technical Data Sheets are available on www.prominentpaints.co.za or from Prominent Customer Service Department.

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