

KITCHENS & BATHROOMS PAINT MATT

PRODUCT CODE: KBM 1 & TKM 1000 Tint Base

PRODUCT DATA SHEET

Product Description	<ul style="list-style-type: none"> KITCHENS & BATHROOMS PAINT MATT with Microshield is a premium quality water-based enamel paint for interior use. The product is formulated with silver technology that protects the paint film surface and inhibits the growth of micro-organisms. 										
Intended Uses	<ul style="list-style-type: none"> For application to suitably primed new and old cement plaster walls, fibre-board, ceiling board, gypsum plaster, metal and wood. Ideal for Kitchens and Bathrooms where a hard wearing finish is required. 										
Features	<ul style="list-style-type: none"> 10 times more washable than conventional paint A tough wall coating and a hard wearing finish. A waterbased enamel paint Quick drying - 2 coats can be applied in one day. Durable , Stain and Steam resistant and easily cleaned Microshield inhibits microbial growth developing a 'zone of inhibition' around the treated paint surface 15 Year Quality Guarantee. (Refer to terms & conditions at www.plascon.co.za) 										
Product Information	Appearance Colours Tint Bases Generic type Solids S G at 23°C Recommended DFT per coat Flash Point Theoretical spreading rate Practical spreading rate VOC	Matt White (KBM 1) and a range of tinted colours Pastel Base (TKM 1000) Acrylic emulsion Approx. 37 % by volume 1,25 kg/ℓ (typical for White) Min: 30 µm Max: 40 µm Non Flammable 10 m²/ℓ per coat @ 35 µm DFT. This serves as a guide only The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used. < 5 g/ℓ for both White and Pastel base (tinted)									
Application Details	Mixing Method Thinning Cleaning Substrate Application Environment Drying time	Stir thoroughly with a flat paddle until homogeneous. Brush, roller Not recommended- Ready for use Water Cement plaster, concrete, fibre-cement, ceiling boards, gypsum plaster, etc. <table border="1"> <thead> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr> </thead> <tbody> <tr> <td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 20%</td></tr> <tr> <td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr> </tbody> </table> Touch dry 30 Mins at 23 °C (50% Relative Humidity) Dry to handle 2 h @ 23 °C Recoating 2 h @ 23 °C	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 20%	Max: 40 °C	Max: 40 °C	Max: 85%
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Tint Base	<ul style="list-style-type: none"> The tint base containers are underfilled to levels which are specific for the tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation. The tint base and the colourants are unfinished intermediate products which are not recommended for use by themselves. A finished product is only produced once the prescribed quantities of colourants have been thoroughly mixed with the tint base. When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of KITCHENS & BATHROOMS PAINT MATT. 										

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Storage and Packaging	<p>Store away from direct sun, heat and severe cold.</p> <p>Packaging: 2,5 ℓ (white and Pastel bases only)</p>
Tinting Procedure	<ul style="list-style-type: none"> Select the required colour and reference no. from the PLASCON INSPIRED COLOUR system, other suitable system or colour cards and locate the applicable formulation from the tables. Certain colour choices may require more than two coats to achieve full obliteration, (see computer formulations for details in remark column prior to tinting). Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation. Inject all required colourants, close container and shake on mechanical shaker for 5 minutes. Note: UNDER NO CIRCUMSTANCES TINT COLOURS FROM (KBM 1) WHITE. ONLY USE THE PRESCRIBED TINT BASE
Surface Preparation	<p>Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"> NEW WORK <ol style="list-style-type: none"> Cement plaster, concrete, unglazed brickwork, fibre-cement, ceiling boards: Remove any loose particles and laitance by most suitable means. Prime with PLASCON PLASTER PRIMER (UC 56). Gypsum plaster (e.g. Rhinolite, Cretestone) prime with PLASCON PLASTER PRIMER (UC 56). N.B. Soft, underbound, friable and highly porous surfaces must be restored to a sound condition before painting with PLASCON PLASTER PRIMER (UC 56). N.B. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then these areas must be sealed with PLASCON PLASTER PRIMER (UC 56). Wood: Sand smooth with 150 grit paper working in the direction of the grain. Dust off. Seal knots and resinous areas with PLASCON KNOT SEAL (PK 2). Prime entire surface with PLASCON WOOD PRIMER (UC 2). Mild steel: Degrease with PLASCON AQUASOLV DEGREASER (GR 1). Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding, etc. or PLASCON RUST REMOVER (RR 1). Prime general surfaces the same day with METALCARE MILD STEEL PRIMER (UC 501) or PLASCOSAFE 18 PRIMER (EMS 18) - use ZINC PHOSPHATE PRIMER RED OXIDE (UC 207) for structural steelwork. Galvanised steel: Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with METALCARE GALVANISED IRON PRIMER (GIP 1). PREVIOUSLY PAINTED SURFACES <ol style="list-style-type: none"> Previously painted surfaces in good condition: Clean with POLYCELL SUGAR SOAP POWDER solution to remove all contaminants. Rinse with clean water to remove all traces of SUGAR SOAP. Sand glossy enamel surfaces to a matt finish and apply two coats of KITCHEN & BATHROOMS PAINT (KBM 1). Previously painted surfaces in poor condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Where surface is in very poor condition completely remove paint by appropriate means or by using the most suitable REMOVAL product. Treat as for new work. FILLING Fill all imperfections with POLYCELL POLYFILLA MENDALL 90 (80160)1 or POLYCELL POLYFILLA INTERIOR (101002) and spot prime filled areas with PLASCON PLASTER PRIMER (UC 56).
Application	<ul style="list-style-type: none"> Apply two (three coats for some low hiding colours) to prepared surfaces so as to achieve complete obliteration
Cautions	<ul style="list-style-type: none"> Avoid painting during inclement weather or if temperature is below 5 °C. To ensure that colours on a project are consistent check that batch numbers are the same.
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Ensure good ventilation during application and drying. Do not pour paint down the drain. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention. Refer to Material Safety Data Sheet for complete information.



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DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: 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.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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