

# KITCHENS & BATHROOMS PAINT MATT

PRODUCT CODE: KBM 1 & TKM 1000 Tint Base

## TECHNICAL DATA SHEET

<b>Product Description</b>	KITCHENS & BATHROOMS PAINT MATT is premium quality water-based enamel paint for interior use.														
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>For application to suitably primed new and old cement plaster walls, fibre-board, ceiling board, gypsum plaster, metal and wood.</li> <li>Ideal for Kitchens and Bathrooms where a hard-wearing finish is required.</li> </ul>														
<b>Features</b>	<ul style="list-style-type: none"> <li>10 times more washable than conventional paint.</li> <li>A tough wall coating and a hard-wearing finish.</li> <li>A water based enamel paint.</li> <li>Quick drying - 2 coats can be applied in one day.</li> <li>Durable, Stain and Steam resistant and easily cleaned.</li> <li>No added lead.</li> <li>15 Year Quality Guarantee. (Refer to terms &amp; conditions at <a href="http://www.plascon.com">www.plascon.com</a>)</li> </ul>														
<b>Product Information</b>	Appearance	Matt													
	Colours	White (KBM 1) and a range of tinted colours													
	Tint Bases	Pastel Base (TKM 1000)													
	Generic type	Acrylic emulsion													
	Volume Solids	Approx. 37 %													
	S G at 23°C	1,25 kg/L (typical for White)													
	Recommended DFT	30 – 40 µm per coat													
	Recommended WFT	81 – 108 µm per coat													
	Theoretical spreading rate	10.6 m <sup>2</sup> /L per coat @ 35 µm DFT. This serves as a guide only													
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.													
	TVOC	< 5 g/L for both White and Pastel base (tinted).													
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, roller													
	Thinning	Not recommended- Ready for use													
	Cleaning	Water													
	Drying time	Touch dry: 30 Min @ 23 °C (50% Relative Humidity) Over coating: 2 h @ 23 °C													
	Application Environment	<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 colspan="3">Or 3 °C min. above dew point</td> </tr> <tr> <td>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85%</td> </tr> </tbody> </table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 20%	Or 3 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 2,5 L (white and Pastel bases only)														

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### Surface Preparation

Ensure that surfaces are clean dry & firm and free from dust, dirt, grease and oil before painting.

1. **NEW WORK:**

1.1 **Cement plaster, concrete, unglazed brickwork, fibre-cement, ceiling boards:**

Prime entire area with **PLASCON PLASTER PRIMER (UC 56)**.

1.2 **Gypsum plaster (e.g. Rhinolite, Crestone):**

Prime entire area with **PLASCON PLASTER PRIMER (UC 56)**.

1.3 **Wood:**

Sand smooth using 150 grit paper working in the direction of the grain, dust off. Wash resinous areas with **LACQUER THINNERS (ILS 1)**. Seal knots and resinous areas with **PLASCON KNOT SEAL (PK 2)**. Prime entire surface with **PLASCON WOOD PRIMER (UC 2)**.

1.4 **Mild steel:**

Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)**. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding or wire brushing. Prime surfaces the same day with **METALCARE MILD STEEL PRIMER (UC 501)**.

1.5 **Galvanised steel:**

Clean with **METALCARE GALVANISED IRON CLEANER (GIC 1)**. Rinse thoroughly with water until a water break free surface is obtained or repeat process. Prime the same day with **METALCARE GALVANISED IRON PRIMER (GIP 1)**.

2. **PREVIOUSLY PAINTED SURFACES:**

2.1 **Previously painted surfaces in good condition:**

Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Clean with **POLYCELL SUGAR SOAP POWDER** solution to remove all contaminants. Rinse with clean water to remove all traces of **SUGAR SOAP**. Spot prime bare areas with appropriate primer. Sand glossy enamel surfaces to an even matt finish, dust off.

2.2 **Previously painted surfaces in poor condition:**

Completely remove paint by most appropriate means e.g. scraping or coarse sanding. Clean with **POLYCELL SUGAR SOAP** solution, rinse with clean water and allow to dry. Proceed as for new work in point 1 above.

2.3 **Chalky surfaces:**

Remove as much of the chalky surface as possible by scrubbing with a **POLYCELL SUGAR SOAP** solution. Rinse with clean water and allow to dry. Seal with **PLASCON BONDING LIQUID (CVI 14)** and allow to dry for 16 hrs.

3. **FILLING**

Fill defects with appropriate **POLYCELL FILLER**. Spot prime with **PLASCON PLASTER PRIMER (UC 56)**. Fill wood with **POLYCELL POLYFILLA MENDALL 90** and spot prime with **PLASCON PLASTER PRIMER (UC 56)**.

### Application

- Apply two or more coats to prepared surfaces to achieve complete obliteration.
- 3 coats may be needed for some low hiding colours.

### Cautions

- Avoid painting during inclement weather or if temperature is below 10 °C.
- To ensure that colours on a project are consistent check that batch numbers and product codes are the same

### Tint Base

- The tint base containers are under filled 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**.

### Tinting

#### Procedure

- 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.**

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### **Safety Precautions**

- 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 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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