

## PROFESSIONAL ANTI MOSQUITO PAINT (ZAMBIA)

**PRODUCT CODE: PAM 1 & PAM 1000 Tint base**

### TECHNICAL DATA SHEET

<b>Product Description</b>	Professional Anti Mosquito paint is a coating with insecticide for interior use.													
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>For use on hard, non-porous interior ceilings, and walls in residential commercial, educational, institutional rooms and in non-critical areas of hospitals.</li> <li>Suitable for nursing homes, assisted living facilities and other classes of group homes, day care centres, doctor and dentist offices, non-critical areas of hospitals such as waiting rooms, examination rooms, hallways and walkways.</li> <li>Also, for use in commercial facilities, schools, universities, colleges, dorm rooms and health clinics.</li> </ul>													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Smooth matt finish</li> <li>Easy to apply without spattering</li> <li>Available in various shades</li> <li>Washable</li> <li>Excellent opacity and covering capacity</li> <li>Low VOC (VOC: &lt; 40 g/L)</li> <li>Ammonia free</li> <li>No added Lead and Heavy metals</li> <li>It is effective against mosquitoes like: <i>Aedes aegypti</i>, <i>Culex quinquefasciatus</i>, <i>Anopheles stephensi</i>.</li> </ul>													
<b>Product Information</b>	Appearance	Matt												
	Colour	White (PAM 1)												
	Tint Bases	Pastel Tint Base (PAM 1000),												
	Generic Type	Acrylic emulsion												
	Volume Solids	41.55 %												
	Viscosity at 23 °C	95 – 100 KU												
	Recommended DFT	20 – 30 µm												
	Recommended WFT	91 – 136 µm												
	Theoretical spreading rate	7 m <sup>2</sup> /L at 35 µm DFT												
	Practical spreading rate	Practical spreading rate will vary depending on profile of the substrate as well as the application technique and tools used.												
	VOC	<40 g/L for White												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Brush and roller												
	Thinning	Ready for use												
	Cleaning	Water												
	Drying time	Touch dry: 1 h @ 23 °C Over coating: 4 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: 10 %</td> </tr> <tr> <td colspan="3">or 3 °C min. above dew point</td> </tr> <tr> <td>Max: 35 °C</td> <td>Max: 35 °C</td> <td>Max: 85 %</td> </tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10 %	or 3 °C min. above dew point			Max: 35 °C	Max: 35 °C	Max: 85 %
Surface Temperature	Ambient Temperature	Relative Humidity												
Min: 10 °C	Min: 10 °C	Min: 10 %												
or 3 °C min. above dew point														
Max: 35 °C	Max: 35 °C	Max: 85 %												
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 5 L and 20 L													

## PROFESSIONAL ANTI MOSQUITO PAINT (ZAMBIA)

PRODUCT CODE: PAM 1 & PAM 1000 Tint base

<b>Tint Bases</b>	<ul style="list-style-type: none"> <li>The tint base containers are underfilled to levels which are specific for each 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.</li> <li>The tint bases and the colourants are unfinished or intermediate products which are not recommended for use by themselves. A finished product is only produced once the prescribed quantities of colourants have been intimately mixed with the tint base.</li> <li>When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of <b>PROFESSIONAL ANTI MOSQUITO PAINT</b>. <b>Only colourants from the Plascon Inspired colour system are permitted for use when tinting.</b></li> </ul>
<b>Tinting Procedure</b>	<ul style="list-style-type: none"> <li>Select the required colour and reference no. from the <b>INSPIRED COLOUR</b> fandeck, other suitable fandecks or colour cards and locate the applicable formulation from the tables.</li> <li>Certain colour choices may require more than two coats to achieve full obliteration (see computer formulations for details in remarks column prior to tinting)</li> <li>Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amounts of colourants as per formulation.</li> <li>Inject all required colourants, close container and shake on mechanical shaker for 5 minutes.</li> <li>Note: <b>UNDER NO CIRCUMSTANCES MUST COLOURS BE TINTED FROM PROFESSIONAL ANTI MOSQUITO PAINT - USE ONLY THE PRESCRIBED TINT BASES</b></li> </ul>
<b>Surface Preparation</b>	<p>Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"> <li><b>NEW WORK</b> <ol style="list-style-type: none"> <li><b><u>Cement plaster, concrete and porous brickwork:</u></b> Ensure concrete has dried for 4 weeks and cement plaster for 2 weeks. Apply one coat of <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>.</li> <li><b><u>Gypsum plaster (e.g. Rhinolite, Crestone), brickwork stone work:</u></b> Apply one coat of <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>.</li> <li><b><u>Fibre cement board:</u></b> prime with <b>BONDING LIQUID (CV1 14)</b></li> <li><b><u>Wood:</u></b> Sand to a smooth finish and dust off. Seal knots and resinous areas with <b>KNOT SEAL (PK 2)</b> Prime with <b>PLASCON WOOD PRIMER (UC 2)</b></li> <li><b><u>Mild Steel:</u></b> Degrease with <b>AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. Prime general surfaces the same day with <b>METALCARE MILD STEEL PRIMER (UC 501)</b> or <b>PLASCOSAFE 18 PRIMER (EMS 18)</b> followed by <b>PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800)</b></li> <li><b><u>Galvanised steel:</u></b> Clean with <b>GALVANISED IRON CLEANER (GIC 1)</b> to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with <b>PLASCON GALVANISED IRON PRIMER (GIP 1)</b></li> </ol> </li> <li><b>PREVIOUSLY PAINTED SURFACES</b> <ol style="list-style-type: none"> <li><b><u>Previously painted surfaces in good condition:</u></b> Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Clean down with <b>POLYCELL SUGAR SOAP POWDER CLEANER</b> solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, clean with high pressure water jet. Spot prime bare areas with appropriate primer. Sand glossy enamel surfaces to a matt finish and apply one coat of <b>PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800)</b>.</li> <li><b><u>Previously painted surfaces in poor condition:</u></b> Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping. Wash thoroughly with <b>POLYCELL SUGAR SOAP</b>. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating. Proceed as for <b>NEW WORK</b></li> </ol> </li> <li><b>FILLING</b> Fill all imperfections with <b>POLYCELL MENDALL 90</b> and spot prime filled areas with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>.</li> </ol>

## PROFESSIONAL ANTI MOSQUITO PAINT (ZAMBIA)

PRODUCT CODE: PAM 1 & PAM 1000 Tint base

<b>Application</b>	<ul style="list-style-type: none"><li>• Apply when air and surface temperature are between 10 °C and 35 °C.</li><li>• Stir paint occasionally.</li><li>• Use a high-quality nap roller, nylon / polyester brush.</li><li>• Apply two or three coats to a new surface complete obliteration. Darker colours may require an additional coat.</li><li>• For highly porous surfaces, apply <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>.</li></ul>
<b>Caution</b>	<ul style="list-style-type: none"><li>• The product contains Permethrin.</li><li>• Metal surfaces must be primed, do not apply to bare metal.</li><li>• Do not use on floors or on exterior surfaces. <b>FOR INTERIOR USE ONLY.</b></li></ul>
<b>Safety precautions</b>	<ul style="list-style-type: none"><li>• Keep out of reach of children.</li><li>• Apply only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure that fresh air enters during application and drying. If you experience eye watering, headaches or dizziness, increase ventilation or wear respiratory protection (SABS approved) or leave the area.</li><li>• In case of skin contact, wash with soap and water or a recognised skin cleaner.</li><li>• Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.</li><li>• Harmful if swallowed. Do not induce vomiting. Seek medical attention.</li><li>• Refer to Safety Data Sheet for complete information.</li></ul>

### **DISCLAIMER:**

The recommendations contained herein are given in 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.**

### **KANSAI PLASCON (PTY) LIMITED**

10 Frederick Cooper Drive,  
Factoria, Krugersdorp  
South Africa  
1739.  
Tel: +27 11 951 4500  
Fax: +27 800 110 932

**PLASCON ADVISORY SERVICE:** 0860 20 40 60

**EMAIL:** advice@kansaiplascon.co.za