

# PROFESSIONAL ANTI MOSQUITO PAINT (UGANDA)

PRODUCT CODE: PAM 1 & PAM 1000 Tint base

## TECHNICAL DATA SHEET

**Product Description** Professional Anti Mosquito paint is a coating with insecticide for interior use.

**Intended Uses**

- For use on hard, non-porous interior ceilings and walls in residential commercial, educational, institutional rooms and in non-critical areas of hospitals.
- 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.
- For use in commercial facilities, schools, universities, colleges, dorm rooms and health clinics.

**Features & Benefits**

- Smooth matt finish
- Easy to apply without spattering
- Available in various shades
- Washable
- Excellent opacity and covering capacity
- Low VOC (VOC: < 40 g/L)
- No added APEO (Alkyl phenol Ethoxylates compounds)
- Ammonia free
- No added Lead and Heavy metals
- It is effective against mosquitoes like: Aedes aegypti, Culex quinquefasciatus , Anopheles stephensi.

**Product Information**

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

**Application Details**

Mixing	Stir thoroughly with a flat paddle until homogeneous.
Method	Brush and roller
Thinning	Ready for use (no thinning required)
Cleaning	Water
Drying time	Touch dry: 1 h @ 23 °C Over coating: 4 h @ 23 °C

Application Environment

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 %

**Storage and Packaging** Store away from direct sun, heat and severe cold.  
Packaging: 4 L and 20 L

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### Tint Base

- The tint base containers are under filled to levels which are specific for each tint base to allow for a Calculated volume of colorants 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 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.
- When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of **PROFESSIONAL ANTI MOSQUITO PAINT. Only colourants from the Plascon Inspired colour system are permitted for use when tinting.**

### Tinting Procedure

- Select the required colour and reference no. from the **INSPIRED COLOUR** fandeck, other suitable fandecks 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 remarks column prior to tinting)
- Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amounts of colourants as per formulation.
- Inject all required colourants, close container and shake on mechanical shaker for 5 minutes.
- **Note: UNDER NO CIRCUMSTANCES MUST COLOURS BE TINTED FROM PROFESSIONAL ANTI MOSQUITO PAINT - USE ONLY THE PRESCRIBED TINT BASES**

### Surface Preparation

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

- 1. NEW WORK**
  - 1.1 Cement plaster, concrete and porous brickwork:**  
Ensure concrete has dried for 4 weeks and cement plaster for 2 weeks. Apply one coat of **ACRYLIC PRIMER SEALER UNDERCOAT OR PLASCON VINYL MATT.**
  - 1.2 Wood:** Sand to a smooth finish and dust off then apply one coat of **PLASCON WOOD PRIMER**
  - 1.3 Mild Steel:** Degrease with **PLASCON STANDARD THINNER.** Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. Prime general surfaces the same day with **PLASCON RED OXIDE PRIMER OR ZINC PHOSPHATE PRIMER** followed by **PLASCON UNIVERSAL HIGH OPACITY UNDERCOAT.**
  - 1.4 Galvanised steel:** Clean with **PLASCON ETCH SOLUTION** to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with **PLASCON WASH (ETCH) PRIMER.**
- 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. Apply one coat of **PLASCON VINYL MATT.**
  - 2.2 Previously painted surfaces in poor condition:**  
Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping. Wash thoroughly and rinse well with fresh water to remove all traces of debris. Ensure substrate is sound, not powdery or friable, prior to coating. Proceed as for **NEW WORK.**
- 3. FILLING**  
Fill all imperfections with **PLASCON STUCCO PUTTY FILLER** Leave to dry thoroughly, sand down, clean all dust and ensure substrate is sound and not powdery. Spot prime filled areas with **PLASCON ACRYLIC PRIMER SEALER UNDERCOAT** or a coat of **DILUTED PLASCON VINYL MATT**

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### **Application**

- Apply when air and surface temperature are between 10 to 31 °C.
- Stir paint occasionally.
- Use a high-quality nap roller, nylon / polyester brush.
- Apply two or three coats to a new surface complete obliteration. Darker colours may require an additional coat.
- For highly porous surfaces, apply **PLASCON ACRYLIC PRIMER SEALER UNDERCOAT**

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### **Caution**

- The product contains Permethrin.
- Metal surfaces must be primed, do not apply to bare metal.
- Do not use on floors or on exterior surfaces. FOR INTERIOR USE ONLY.

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### **Safety precautions**

- Keep out of reach of children.
  - 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 (MOH approved) or leave the area.
  - 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 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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