

PROFESSIONAL ALL PURPOSE MATT & TINT BASE

PRODUCT CODE: PEM 800 & Tint Base

TECHNICAL DATA SHEET

Product Description	A medium quality modified acrylic emulsion paint.														
Intended Uses	<ul style="list-style-type: none">For use on interior and exterior surfaces.Suitable for application to correctly prepared new plaster, concrete, porous brickwork, metal, wood and various types of building boards.														
Features & Benefits	<ul style="list-style-type: none">Good obliteration and adhesionA matt finish with good durability.														
Product Information	Appearance Colours Tint bases Generic type Volume solids Viscosity at 23 °C Recommended DFT Recommended WFT Theoretical spreading rate Practical spreading rate VOC	Matt White (PEM 800) Pastel (TDA 1000) Acrylic emulsion 22% 100 - 110 KU (approx) 20 - 25 µm 91 - 136 µm 8.8 m²/ℓ at 25 µm DFT per coat Practical spreading rate will vary depending on profile of the substrate, as well as the application technique and tools used 0 g/L White 3 g/L Pastel tint base													
Application Details	Mixing Method Thinning Cleaning Drying time Application Environment	Stir thoroughly with a flat paddle until homogeneous. Brush, roller or airless spray. Ready for use Water Touch dry: 30 mins @ 23 °C Over coating: 1 h @ 23 °C	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr><tr><td colspan="3">Or 2 °C min. above dew point</td></tr><tr><td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr></table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	Or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Tint Bases	<ul style="list-style-type: none">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.The tint bases and the colourants are unfinished or intermediate products which are not recommended for use as they are. 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 ALL PURPOSE MATT (PEM 800).Only colourants from the Plascon Inspired colour system are permitted for use when tinting.														
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5L and 20L														

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Tinting Procedure	<ul style="list-style-type: none"> 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 amount 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 ALL PURPOSE MATT (PEM 800)-USE ONLY THE PRESCRIBED TINT BASE.
Surface Preparation	<p>Ensure that surfaces are dry, sound, free from dust, dirt, grease and oil before painting</p> <ol style="list-style-type: none"> NEW WORK <ol style="list-style-type: none"> <u>Cement plaster, concrete and porous brickwork:</u> Ensure concrete has dried for 4 weeks and cement plaster for 2 week. Apply one coat of PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700). <u>Gypsum plaster (e.g. Rhinolite, Cretestone), brickwork stone work:</u> Apply one coat of PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700). If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700). <u>Fibre cement board:</u> Prime with BONDING LIQUID (CV1 14). <u>Wood:</u> Sand to a smooth finish and dust off. Seal knots and resinous areas with KNOT SEAL (PK 2) Prime with PLASCON WOOD PRIMER (UC 2). <u>Mild Steel:</u> Degrease with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. Prime general surfaces the same day with PLASCON METAL PRIMER (UC 501) or PLASCOSAFE (EMS 18) followed by PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800). <u>Galvanised steel:</u> Clean with GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with PLASCON GALVANISED IRON PRIMER (GIP 1). PREVIOUSLY PAINTED SURFACES <ol style="list-style-type: none"> <u>Previously painted surfaces in good condition:</u> 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. Clean down with POLYCELL SUGAR SOAP POWDER CLEANER 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. Sand glossy enamel surfaces to a matt finish and apply one coat of PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800). <u>Previously painted surfaces in poor condition:</u> Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220) Wash thoroughly with POLYCELL SUGAR SOAP. 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. FILLING Fill all imperfections with POLYCELL MENDALL 90 and spot prime filled areas with PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700).
Application	<ul style="list-style-type: none"> Apply two coats to primed surfaces so as to achieve complete obliteration.
Cautions	<ul style="list-style-type: none"> To ensure that colours on a project are consistent check that batch numbers and product codes correspond and that colours match the standard.



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Safety Precautions

- Keep out of reach of children.
 - Ensure good ventilation during application and drying.
 - 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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