



PROFESSIONAL CONTRACTORS MATT & TINT BASE

PRODUCT CODE: PEM 600 & TCP 1000 Pastel Tint Base

TECHNICAL DATA SHEET NO: T-8-B

DATE: MARCH 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A medium quality acrylic emulsion paint for interior use only.													
Intended Uses	<ul style="list-style-type: none">Used on suitably prepared new plaster, concrete, porous brickwork and various types of building boards.Also used as a finishing coat on appropriately primed and undercoated wood, metal, etc.													
Features & Benefits	<ul style="list-style-type: none">Quick DryingGood opacity													
Product Information	Appearance	Matt												
	Colour	White (PEM 600)												
	Tint Base	Pastel (TCP 1000)												
	Solids	Approx. 33 % by mass; 18 % by volume												
	S G	1,24 kg/ℓ (typical)												
	Recommended DFT	Per Coat Min: 20 µm Max: 25 µm												
	Theoretical spreading rate	9 m ² /ℓ @ 30 µm DFT												
	Practical spreading rate	5 m ² /ℓ @ 30 µm DFT												
	Calculated Max VOC	14 g/ℓ												
	Viscosity at 23 °C	100 - 110 KU (typical)												
	Flash point	Non-flammable												
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Brush, roller or airless spray.												
	Thinning	Ready for use. No thinning required.												
	Cleaning	Water												
	Substrate	Thoroughly cleaned, suitably primed concrete, plaster, brickwork, building boards and suitably primed wood, metal and fibre-board.												
	Application Environment	<table><tr><th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></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 %
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 %												
	Drying time	Touch dry 30 min at 23 °C Dry to handle 1 h at 23 °C Recoating 1 h at 23 °C												
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 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 PROFESSIONAL ALL PURPOSE MATT (PEM 600)Only colourants from the Plascon Inspired colour system are permitted for use when tinting.													
Storage & Packaging	Store away from direct sun and severe cold. Packaging: 5 ℓ and 20 ℓ													



PROFESSIONAL CONTRACTORS MATT & TINT BASE

PRODUCT CODE: PEM 600 & TCP 1000 Pastel Tint Base

TECHNICAL DATA SHEET NO: T-8-B

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 PROFESSIONAL ALL PURPOSE MATT (PEM 600)-USE ONLY THE PRESCRIBED TINT BASES
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 and porous brickwork: Remove any loose particles and laitance by most suitable means and paint directly NB: Soft underbond, friable and highly porous surfaces must be restored to a sound condition with PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700).Gypsum plaster (e.g. Rhinolite, Crestestone), brickwork stone work: 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).Fibre cement board: prime with BONDING LIQUID (CV1 14)Wood: Sand to a smooth finish and dust off. Seal knots and resinous areas with KNOT SEAL (PK 2) Prime with PROFESSIONAL WOOD PRIMER (PP 800)Mild Steel: Degrease with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. or RUST REMOVER (RR 1). Prime general surfaces the same day with PLASCON METAL PRIMER (UC 501) or PLASCOSAFE (EMS 18) followed by PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800)Galvanised steel: Clean with GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with PROFESSIONAL GALVANISED IRON PRIMER (PP 1000)PREVIOUSLY PAINTED SURFACES<ol style="list-style-type: none">Previously painted surfaces in sound 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. 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).Previously painted surfaces in poor condition: 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 LIQUID CLEANER. 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 or three coats to new surfaces so as to achieve complete obliteration.For non-porous and normal porous surfaces apply without thinning.For highly porous surfaces, apply PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)
Cautions	<ul style="list-style-type: none">Do not apply to bare metal surfaces.To ensure that colours on a project are consistent check that batch numbers correspond.
Safety Precautions	<ul style="list-style-type: none">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 Material Safety Data Sheet for complete information.



PROFESSIONAL CONTRACTORS MATT & TINT BASE

PRODUCT CODE: PEM 600 & TCP 1000 Pastel Tint Base

TECHNICAL DATA SHEET NO: T-8-B

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: T O ORDER: Quote product name, product code number, packaging and colour.

PLASCON SOUTH AFRICA (PTY) LIMITED**CAPE TOWN:**

P O Box 42

Eppindust 7475

Tel: (021) 505-2400

Fax: (021) 534-3791

DURBAN:

Private Bag X16

Mobeni 4060

Tel: (031) 451-3200

Fax: (031) 451-3411

GAUTENG:

P.O. Box 4010

Luipaardsvlei 1743

Tel: (011) 951-4500

Fax: (011) 955-2841

PORT ELIZABETH:

P O Box 1594

Port Elizabeth 6000

Tel: (041) 401-1400

Fax: (041) 453-4606

PLASCON ADVISORY SERVICE: 0860 20 40 60