TRUE COLOUR THICK & STRONG - LOW ODOUR

PRODUCT CODE: MTC 1 & TTM Tint Bases   **TECHNICAL DATA SHEET**

Product Description	Superior quality acrylic emulsion paint.
Intended Uses	• For interior and exterior use. • Suitable for application to suitably prepared and primed new plaster, concrete, porous brickwork, and various types of building boards. • Also as a finishing coat on appropriately primed wood, metal, fibre cement and gypsum plaster.
Features & Benefits	• Good durability and low odour • Easy to clean with good scrub-ability. • Good obliteration and excellent spread-ability. • Low odour • Low VOC • 5-year quality guarantee. (Refer to T & C's at www.plascon.co.za).
Product Information	Appearance — Matt Colours — White (MTC 1) Tint bases — Pastel (TTM 1000), Deep (TTM 2000) & Transparent (TTM 3000) Generic type — Acrylic emulsion Solids — 21 % by volume Recommended DFT — 20 – 30 µm per coat Recommended WFT — 95 – 143 µm per coat Theoretical spreading rate — 8.4 m²/L per coat @ 25 µm DFT. This serves as a guide only. Practical spreading rate — The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used. VOC — <5 g/L for white & pastel base (tinted)
Application Details	Mixing — Stir thoroughly with a flat paddle until homogeneous. Method — Brush, roller or airless spray. Thinning — Not recommended. Ready for use Cleaning — Water Drying time — Touch dry: 30 mins @ 23 °C Over coating: 1 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: 40 °C	Max: 40 °C	Max: 85 %

Storage & Packaging	Store away from direct sun, heat and severe cold. Packaging: 5 L and 20 L
Tint Bases	• 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 **True Colour Thick & Strong "Low Odour"** • **Only colourants from the PLASCON INSPIRED COLOUR system are permitted for use when tinting.**

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Tinting Procedure	
	• Select the required colour and reference no. from the **PLASCON 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 TINT COLOURS FROM TRUE COLOUR THICK AND STRONG *WHITE* - USE ONLY THE PRESCRIBED TINT BASES**

Surface Preparation		
		Ensure that surfaces are dry, sound, free from dust, dirt, grease and oil before painting
	1.	**NEW WORK**
	1.1	***Cement plaster, concrete, brickwork and stone work:*** Remove any loose particles and laitance by most suitable means. Prime with **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**.
	1.2	***Gypsum plaster (e.g. Rhinolite, Cretestone),*** Apply one coat of **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**.
	1.3	***Fibre cement board:*** prime with **BONDING LIQUID (CVI 14).**
	1.4	***Wood:*** Sand to a smooth finish and dust off. Seal knots and resinous areas with **WOODCARE KNOT SEAL (PK 2)**. Prime with **PLASCON WOOD PRIMER (UC 2)**.
	1.5	***Hardboard:*** Prime with **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**.
	1.6	***Mild Steel:*** Remove rust by coarse sanding, mechanical grinding **etc.** Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)** and rinse thoroughly with water. Prime with **METALCARE MILD STEEL PRIMER (UC 501)**
	1.7	***Galvanised steel:*** Clean with **METALCARE GALVANISED IRON CLEANER (GIC 1)** and rinse thoroughly with water to achieve a water break free surface. Prime 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 and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, clean with high pressure water jet. Allow to dry. Spot prime bare areas with appropriate primer. Sand glossy enamel surfaces to a matt finish and apply one coat of **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**.
	2.2	***Previously painted surfaces in poor condition:*** Completely remove paint by most appropriate means e.g. scraping, coarse sanding**.** 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. Proceed as for New Work
	3.	**FILLING** Fill all imperfections with the suitable **POLYCELL POLYFILLA** and spot prime filled areas with **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1).**

Application	
	• Apply two or more coats to prepared and primed surfaces so as to achieve complete obliteration
	• For highly porous surfaces, apply **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1).**
	• Always maintain a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. Work from corner to corner or from a natural cut off point to another. Do not attempt touch ups but redo complete panels

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Cautions	• Metal surfaces **must** be primed as per surface preparation • To ensure that colours on a project are consistent check that batch numbers correspond • Full opacity is only achieved when dry.
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.

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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