TRUE COLOUR BRIGHT GLOSS ENAMEL

PRODUCT CODE: GTC Range & TGT 2000 Tint Base

TECHNICAL DATA SHEET

Product Description

A good quality alkyd based high gloss enamel.

Intended Uses

- For interior and exterior surfaces
- Used as a decorative and protective finish on masonry, mild steel and timber.

Features & Benefits

- Superior obliteration and weather resistance
- Dries to a tough durable finish with good weather resistance.
- 5 year quality guarantee. (Refer to T & C's at www.plascon.co.za).

Product Information

Appearance	Gloss
Colours	White (GTC 1), Black (GTC 2), Cream (GTC 3) and Brown (GTC 4).
Tint Bases	Deep (TGT 2000)
Solids	30% by volume
Recommended DFT	25 – 35 µm per coat
Recommended WFT	83 – 117 µm per coat
Viscosity at 23 °C	70 KU (typical)
Theoretical spreading rate	10 m^2/L @ 30µm 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	< 365 g/L

Application Details

Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.
Method	Brush, roller or spray.
Thinning	Not normally necessary to thin for brush and roller application. For spraying thin approx. 10 % with **SPRAYING THINNER (TH 3)** or **MINERAL TURPENTINE (AZH 1)**
Cleaning	**MINERAL TURPENTINE (AZH 1)** or **POLYCELL BRUSH CLEANER (502205).**
Drying time	Touch dry: 4 h @ 23 °C Over coating: 16 h @ 23 °C

Application Environment

Surface Temperature	Ambient Temperature	Relative Humidity
Min.: 10 °C	Min.: 10 °C	Min: 10%
or 2 °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: 1L and 5L

Tint Bases

- The tint base containers are under filled 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 BRIGHT GLOSS (GTC Range).**
- **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 **INSPIRED COLOUR** system, other suitable systems 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 TINT COLOURS FROM TRUE COLOUR BRIGHT GLOSS White (GTC 1) - 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, unglazed brick:*** Prime with **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**. Apply a full coat to seal surface properly.

1.2 ***Gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board:*** Apply one coat **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**.

1.3 ***Fibre cement board:*** Prime with **PLASCON BONDING LIQUID (CVI 14).**

1.4 ***Wood:*** Seal knots with **PLASCON KNOT SEAL (PK 2)**. Then 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 most appropriate means. Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)** and rinse thoroughly with water. Prime with **PLASCON 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:***
Clean paintwork with **POLYCELL SUGAR SOAP POWDER CLEANER** solution and rinse thoroughly. Sand glossy enamel areas to a matt finish. Prime masonry surfaces containing emulsion paint with **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**.

2.2 ***Previously painted surfaces in poor condition:***
Strip completely with **REMOVALL ALL PURPOSE COATINGS REMOVER (RRA 220)** and proceed as for new work.

3. **FILLING:**
Fill defects with the appropriate **POLYCELL POLYFILLA i.e. INTERIOR or EXTERIOR.** Seal **POLYFILLA EXTERIOR** with **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**. Fill wood and fibre-cement with **POLYCELL MENDALL 90.**

4. **UNDERCOAT:**
To all surfaces prepared and primed as above, apply a coat of **TRUE COLOUR 3 IN 1 PRIMER SEALER UNDERCOAT (PSU 1)**.

Application

- **R**eady for use with brush or roller.
- For spray application thin approximately 10% with **SPRAYING THINNER (TH 3)**

Cautions

- Not recommended for areas where chemical resistance is required.
- Heavy applications should be avoided to prevent wrinkling. Stay within the recommended spreading rate
- To ensure that colours on a project are consistent check that batch numbers correspond.

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Safety Precautions	• Always keep paint out of reach of children. • Ensure good ventilation during application and drying. • If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. • Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. • Harmful if swallowed. Seek medical attention and do not induce vomiting. • Do not smoke while painting. • Flammable. Store in a cool dry place away from heat and sparks. • Refer to Safety Data Sheet for complete information.

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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