

TRUE COLOUR BRIGHT GLOSS ENAMEL

PRODUCT CODE: GTC Range & TGT 1000 Tint Base

TECHNICAL DATA SHEET

Product Description	A good quality alkyd based high gloss enamel.													
Intended Uses	<ul style="list-style-type: none"> Used as a decorative and protective finish on interior and exterior surfaces of mild steel, timber and masonry. Dries to a tough durable finish with good weather resistance. 													
Features & Benefits	<ul style="list-style-type: none"> Superior Obliteration and Weather Resistance 													
Product Information	Appearance Colours Tint Bases Solids S G Recommended DFT Viscosity at 23 °C Flash Point Theoretical spreading rate Practical spreading rate	Gloss White (GTC 1), Black (GTC 2), Cream (GTC 3) and Brown (GTC 4). Pastel (TGT 1000) Approx. 43 % by mass; 30 % by volume 1,06 kg / ℓ approx. (Typical for white) Min: 25 µm Max.: 35 µm 70 KU (typical) 37 °C : 10 m²/ℓ µm This serves as a guide only. The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.												
Application Details	Mixing Substrate Method Thinning Cleaning Application Environment Drying time	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use. Well prepared primed and undercoated surfaces. Brush, roller or spray. 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) MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER (502205) . <table border="1"> <thead> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr> </thead> <tbody> <tr> <td>Min.: 5 °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> </tbody> </table> Touch dry 6 h at 23 °C Recoating 16 h at 23 °C Dry to handle 16 h at 23 °C	Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 5 °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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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5 ℓ and 20 ℓ													
Tint Bases	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 MUST COLOURS BE TINTED FROM (GTC 1)) White - 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> <p>NEW WORK</p> <p>1.1 Cement plaster, concrete, gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board, (e.g. Rhinoboard), fibre cement, unglazed brick: Prime with TRUE COLOUR 3 IN 1 PLASTER SEALER UNDERCOAT (PSU 1). Apply a full coat to seal surface properly.</p> <p>1.2 Wood: Seal knots with KNOT SEAL (PK 2). Then prime with PLASCON WOOD PRIMER (UC 2).</p> <p>1.3 Hardboard: Prime with TRUE COLOUR 3 IN 1 PLASTER SEALER UNDERCOAT (PSU 1).</p> <p>1.4 Mild steel: Remove rust. Degrease with AQUASOLV DEGREASER (GR 1) and rinse thoroughly with water. Prime with PLASCON METAL PRIMER (UC 501).</p> <p>1.5 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).</p> <p>2. PREVIOUSLY PAINTED SURFACES</p> <p>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 PLASTER SEALER UNDERCOAT (PSU 1).</p> <p>2.2 Previously painted surfaces in poor condition: Strip completely with REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220) and proceed as for new work.</p> <p>3. FILLING: Fill defects with POLYCELL POLYFILLA INTERIOR or POLYCELL POLYFILLA EXTERIOR. Seal POLYFILLA EXTERIOR with TRUE COLOUR 3 IN 1 PLASTER SEALER UNDERCOAT (PSU 1). Fill wood and fibre-cement with POLYCELL MENDALL 90.</p> <p>4. UNDERCOAT: To all surfaces prepared and primed as above, apply a coat of TRUE COLOUR 3 IN 1 PLASTER SEALER UNDERCOAT (PSU 1).</p>
Application	<ul style="list-style-type: none"> Ready for use with brush or roller. For spray application thin approximately 10% with SPRAYING THINNER (TH 3)
Cautions	<ul style="list-style-type: none"> 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.
Safety Precautions	<ul style="list-style-type: none"> 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 Material 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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