



Barloworld
Plascon South Africa

TINT BASES for COLOUR EXPRESSIONS – PROFESSIONAL GLOSS ENAMEL

TECHNICAL DATA SHEET NO.: A-101-D
DATE: OCTOBER 2004

TINT BASE CODE: TGE-range

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A range of tint bases to be used in the COLOUR EXPRESSIONS tinting system to produce a range of superior quality high gloss enamel paint colours for interior and exterior use.		
Characteristics	<ol style="list-style-type: none"> 1) 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. 2) 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 intimately mixed with the tint base. 3) When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of PROFESSIONAL GLOSS ENAMEL (PSB 800), Product Data Sheet No. A-55. 		
Product Information	<ul style="list-style-type: none"> • TINT BASES: <div style="display: flex; justify-content: space-between;"> <div> Viscosity (Tint Bases) S G at 23 °C (Tint Bases) </div> <div> Pastel Tint Base (TGE 1000) Deep Tint Base (TGE 2000) Transparent Tint Base (TGE 3010) 68 - 72 KU at 23 °C Approx. 1,0 kg / ℓ (typical) </div> </div> • COLOURANTS to be used <div style="display: flex; justify-content: space-between;"> <div></div> <div>Lead-free universal colourants specifically designed for use with the PLASCON COLOUR EXPRESSIONS tinting system.</div> </div> 		
Tinting Procedure	<ul style="list-style-type: none"> • Select the required colour and reference no. from the COLOUR EXPRESSIONS fandeck, other suitable fan decks 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. 		
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: Nominal 5 ℓ and 20ℓ.		
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. 		
Transportation	This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)		

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.

N.B.: 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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