



Technical Data Sheet

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Product name

Plascon Water-Based Super Gloss Enamel



YEAR GUARANTEE



PRODUCT DESCRIPTION

A superior quality water based enamel with a high gloss finish.

INTENDED USES

Used for trims, doors, walls and gutters with a brilliant gloss finish. A hardwearing and scratch resistant coating with quick drying properties.

FEATURES AND BENEFITS

- APEO Free
- Highly washable
- Non-Yellowing
- Low Odour
- Low VOC
- 9 Year Quality Guarantee (Refer to T&C's at www.plascon.com).



PRODUCT INFORMATION

Appearance	High gloss
Colours	White (EWB 1)
Tint Bases	Pastel (EWB 1000), Deep (EWB 2000), Transparent (EWB 3000), a wide range of INSPIRED COLOUR tints
Generic type	Modified acrylic emulsion
Solids	24 – 26% by volume
Recommended DFT	27 – 34µm per coat
Recommended WFT	100 – 125µm per coat
Typical spreading rate	8 – 10m ² /L @ 40µm DFT
Viscosity at 23 °C	88 KU (approx.)
S G	1.13 kg/L (typical for white)
Flash Point	Non-flammable
VOC	0g/L for White <16g/L for Pastel, Deep and Transparent bases (tinted)

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.		
Substrate	Thoroughly cleaned, primed concrete, cement plaster, brickwork, building boards and suitably primed wood, metal, fibre-cement and gypsum plaster.		
Method	Brush, roller or airless spray.		
Thinning	Not recommended		
Cleaning	Water		
Application environment	Surface Temperature	Min*: 10°C	Max: 40°C
	Ambient Temperature	Min*: 10°C	Max: 40°C
	Relative Humidity	Min*: 10%	Max: 85%
	*or 2°C min. above dew point		
Drying Time	Touch dry	30min at 23°C	
	Recoating	1h at 23°C	
	Dry to handle	1h at 23°C	



STORAGE AND PACKAGING

Store away from direct sun, heat and severe cold.

Packaging: 1L and 5L

TINT BASES

- The tint base containers are underfilled to levels which are specific for the 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 base and the colourants are unfinished 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 **PLASCON WATER-BASED SUPER GLOSS ENAMEL**.

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 remark 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 in mechanical shaker for 5 minutes.

Note: **UNDER NO CIRCUMSTANCES TINT COLOURS FROM PLASCON WATER-BASED SUPER GLOSS ENAMEL WHITE (EWB 1), USE ONLY THE PRESCRIBED TINT BASE.**



SURFACE PREPARATION

Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting.

NEW WORK

- Cement plaster, concrete, fibre-cement, gypsum plaster:
Remove any loose particles and laitance by most suitable means. Prime entire area with **PLASCON PLASTER PRIMER (UC 56)** or **PLASCON MULTI-SURFACE PRIMER (WUP 1)**.
- Hardboard:
Prime with **PLASCON PLASTER PRIMER (UC 56)**.
- Wood:
Sand smooth with 150 grit paper working in the direction of the grain, dust off. Seal knots with **PLASCON WOODCARE KNOT SEAL (PK 2)**. Primer with **PLASCON WOOD PRIMER (UC 2)**.
- PVC Gutters and downpipes:
Clean, then sand lightly before applying **PLASCON MULTI-SURFACE PRIMER (WUP 1)**. Overcoat with **PLASCON WATERBASED SUPER GLOSS ENAMEL**.
- Mild Steel: Degrease with **PLASCON AQUASOLV DEGREASER (GR1)** and rinse thoroughly with water. Remove any rust by coarse sanding or mechanical wire brushing to a bright metal finish. Prime general surfaces with **METALCARE MILD STEEL PRIMER (UC 501)**. Use **PLASCOPRIME 50 (PP 50)** for structural steelwork. **N.B.** Mill scale must be removed by abrasive blasting or mechanical grinding before recoating.
- Galvanised steel:
Clean with **PLASCON GALVANISED IRON CLEANER (GIC 1)** and rinse thoroughly with water to achieve a water break-free surface. Remove any red rust with scouring pads or by sanding back to bright metal. Spot prime areas where rust has been removed with **PLASCOSAFE 18 PRIMER (EMS 18)**. Prime the entire surface with **PLASCON GALVANISED IRON PRIMER (GIP 1)** or **PLASCOSAFE 18 PRIMER (EMS 18)**.

PREVIOUSLY PAINTED SURFACES

- Previously painted surfaces in good condition:
Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Sand glossy enamel surfaces thoroughly to an even matt finish and dust off. Clean with **POLYCELL SUGAR SOAP POWDER** solution to remove all contaminants. Rinse with clean water to remove all traces of **SUGAR SOAP**. Spot prime bare areas with appropriate primer.
- Previously painted surfaces in poor condition:
Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping. Wash thoroughly with **POLYCELL SUGAR SOAP POWDER** solution. Rinse well



with clean 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**.

- Chalky surfaces:
Soft, under bound, friable and highly porous surfaces must be restored to a sound condition with **PLASCON BONDING LIQUID (CVI 14)**. **N.B. PLASCON BONDING LIQUID (CVI 14)** must be allowed to dry for 16hrs. Proceed as for **NEW WORK**.

FILLING

- Fill all defects with the suitable **POLYCELL POLYFILLA**. Spot prime filled areas with **PLASCON PLASTER PRIMER (UC 56)**.

APPLICATION INFORMATION

- **PLASCON WATER-BASED SUPER GLOSS ENAMEL** is ready for use with brush or roller application.
- Apply two or more coats to achieve complete obliteration. Lighter colours may require more than 2 coats.
- 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.



CAUTIONS

- Not recommended for areas where chemical resistance is required.
- To ensure that colours on a project are consistent check that batch numbers are the same.
- Do not apply to surfaces where the temperature is less than 10°C.
- Do not paint under conditions of frost, dew, rain or fog or inclement weather. **Note:** Painting under the above conditions may affect the performance of the paint film.

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 pour paint or water used to wash paint equipment down the drain.
- 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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