Technical Data Sheet
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Product name

PLUSH MATT (EPM)

PRODUCT DESCRIPTION
A Premium quality, zero VOC, matt acrylic paint.

INTENDED USES
- For interior and exterior surfaces.
- May be applied to suitably primed new cement plaster walls, fibreboard, ceiling board, wood and suitably prepared previously painted surfaces.

FEATURES AND BENEFITS
- Smooth dead matt finish
- Excellent washability
- High obliteration
- Zero VOC
- Low odour.
- Quick drying - 2 coats can be applied in one day.
- 12 Year Guarantee (Refer to T&C's at www.plascon.com).

PRODUCT INFORMATION

Appearance	: Matt
Colours	: White (EPM1).
Tint Bases	: Pastel (EPM1000), Deep (EPM2000) and Transparent (EPM3000)
Generic type	: Acrylic emulsion
SG	: 1.27 g/mL (Typical for white)
Viscosity	: 100 – 110 (Typical)
Recommended DFT	: 25 – 35 µm per coat
Recommended WFT	: 66 – 92 µm per coat
Theoretical spreading rate	: 11 m²/L @ 30 µm on a smooth surface. 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.		
TVOC	: 0 g/L		

APPLICATION DETAILS

Mixing	: Stir thoroughly with a flat paddle until homogenous.		
Method	: Brush, roller.		
Thinning	: Not recommended - ready for use		
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 3°C min. above dew point		
Drying Time	: Touch dry	30 min at 23°C	
	: Recoating	2 h at 23°C	

STORAGE AND PACKAGING

Store indoors, away from direct sun, heat and severe cold.
Packaging: 1L, 5L and 20L.

TINT BASES

- The tint base containers are under filled 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 **PLUSH MATT.**

TINTING PROCEDURE

- Select the required colour and reference no. from the **PLASCON INSPIRED COLOUR** 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 remark 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 PLUSH MATT WHITE - 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 and porous brickwork:***
  Ensure concrete has dried for 4 weeks and cement plaster for 2 weeks. Apply one coat of **EASY LIVING TOTAL PRIME.**

- ***Gypsum plaster (e.g. Rhinolite, Cretestone), brickwork stonework:***
  Apply one coat of **EASY LIVING TOTAL PRIMER.** If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with **EASY LIVING TOTAL PRIME**

- ***Fibre cement board***
  prime with **BONDING LIQUID (CV1 14).**

- ***Wood:***
  Sand to a smooth finish and dust off. Seal knots and resinous areas with **KNOT SEAL (PK 2)** Prime with **EASY LIVING TOTAL PRIME**

- ***Mild steel:***
  Degrease with **AQUASOLV DEGREASER (GR 1).** Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. Prime general surfaces the same day with **PLASCON METALCARE MILD STEEL PRIMER (UC 501).**

- ***Galvanised steel:***
  Clean with **GALVANISED IRON CLEANER (GIC 1)** to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with **METALCARE GALVANISED IRON PRIMER (GIP 1).**

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. Clean with **POLYCELL SUGAR SOAP** solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, rinse with high pressure water jet. Spot prime bare areas with appropriate primer. Sand glossy enamel surfaces to a matt finish and apply one coat of **EASY LIVING TOTAL PRIME.**

- ***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**. 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.

FILLING:

Fill all imperfections with a suitable **POLYCELL POLYFILLA**, sand smooth after 6 hours. Spot prime filled areas with **EASY LIVING TOTAL PRIME.**

APPLICATION INFORMATION

- Apply two or more coats to suitably primed surfaces to achieve complete obliteration. Allow at least 2 hours drying time between 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

- Avoid painting during extreme weather conditions or if temperature is below 10 °C.
- Avoid application to very cold surfaces or to hot surfaces as this may cause cracking or bubbling.
  Certain gypsum surfaces may require a test patch to ensure adequate adhesion

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 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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