



Technical Data Sheet

Date of Issue: 08/04/2019 Revision Date 23/03/2023 | Version 14.0

Product name

DOUBLE VELVET PURE (VEL & TDV RANGE)



PRODUCT DESCRIPTION

Air purifying premium quality velvet sheen wall coating that is highly washable and stain resistant.

INTENDED USES

For application to suitably primed new and old interior cement plaster walls, fibre-board, ceiling board, gypsum plaster, metal and wood.

Ideal for bedrooms, passages, offices and public buildings where a hard-wearing luxurious velvet sheen finish is required.

Interior use only.

FEATURES AND BENEFITS

- Hero Ingredient: unique stain barrier that forms a multi-layered protective coating preventing dirt from penetrating the paint.
- Added formaldehyde abatement technology to actively absorb and neutralize harmful compounds inside your home to improve indoor air quality.
- Its eco-friendly formulation is completely VOC, solvent and lead free.
- Breathe easy, virtually no odour.
- Dries to a hard, velvet sheen that will withstand repeated washing.
- Quick drying – 2 coats can be applied in one day.
- Stain resistant and easily cleaned.
- Green star compliant for white and pastel base.
- 15 year Quality Guarantee. (Refer to terms & conditions at www.plascon.com).



PRODUCT INFORMATION

Appearance	Velvet sheen
Colours	White (VEL 1) and standard colours as per colour card. Also available in a wide range of INSPIRED COLOUR tints
Tint Bases	Pastel (TDV 1000), Deep (TDV 2000), Transparent (TDV 3010), Yellow (TDV 5010)
Generic type	Acrylic emulsion
Solids	30 – 35% by volume
Recommended DFT	25 – 35 µm per coat
Recommended WFT	66 – 92 µm per coat
Typical spreading rate	12.7 m ² /L@ 30 µm DFT per coat on a smooth surface. This serves as a guide only
Viscosity at 23 °C	90 KU (approx.)
S G	1.27 kg/L (typical for white)
Flash Point	Non-flammable
VOC	0 g/L for White <16 g/L for Pastel, Deep and Transparent bases (tinted)

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous.		
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 – Ready for use.		
Cleaning	Water		
Application environment	Surface Temperature	Min*: 10°C	Max: 35°C
	Ambient Temperature	Min*: 10°C	Max: 35°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	
	Dry to handle	1 h at 23°C	



STORAGE AND PACKAGING

Store away from direct sun, heat and severe cold.

Packaging: 1L, 5L and 20L

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 **DOUBLE VELVET PURE**.

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 DOUBLE VELVET PURE WHITE (VEL1), USE ONLY THE PRESCRIBED TINT BASES.**



SURFACE PREPARATION

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

NEW WORK

- Cement plaster, concrete, gypsum surfaces, unglazed brickwork, fibre-cement, ceiling boards:
Prime entire area with **PLASCON PLASTER PRIMER (UC 56)**.
- Wood:
Wash resinous areas with **LACQUER THINNERS (ILS 1)**. Sand smooth with 150 grit paper working in the direction of the grain, dust off. Seal knots with **PLASCON KNOT SEAL (PK 2)**. Prime entire surface with **PLASCON WOOD PRIMER (UC 2)**.
- Mild steel:
Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)**. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding, wire brushing etc. Prime the same day with **METALCARE MILD STEEL PRIMER (UC 501)**
- Galvanised steel:
Clean with **METALCARE 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 POWDER** solution to remove all contaminants. Rinse with clean water to remove all traces of **SUGAR SOAP**. Spot prime bare areas with appropriate primer. Sand glossy enamel surfaces thoroughly to an even matt finish, dust off and apply one coat of **PLASCON UNIVERSAL UNDERCOAT (UC 1)**.
- Previously painted surfaces in poor condition:
Completely remove paint by most appropriate means e.g. scraping, coarse sanding. Wash thoroughly with **POLYCELL SUGAR SOAP POWDER** solution. Rinse with fresh water. Proceed as for new work in point 1 above.
- Chalky surfaces:
Scrub with a **POLYCELL SUGAR SOAP** solution and rinse with clean water. Apply **PLASCON BONDING LIQUID (CVI 14)** and then **PLASCON PLASTER PRIMER (UC 56)**. N.B. **BONDING LIQUID** must be allowed to dry for 16 hrs.
- FILLING:
Fill defects with appropriate **POLYCELL FILLER**. Spot prime with **PLASCON PLASTER PRIMER (UC 56)**. Fill wood with **POLYCELL POLYFILLA MENDALL 90** and spot prime with **PLASCON PLASTER PRIMER (UC 56)**.



APPLICATION INFORMATION

- Apply 2 or more coats to correctly prepared surfaces so as to achieve complete obliteration.
- For airless spraying thinning is not required.
- 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 inclement weather or if temperature is below 10°C.
- Do not wash for 7 days after painting.
- To ensure that colours on a project are consistent check that batch numbers and product codes are the same.

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.





Double Velvet Pure (VEL range + TDV Tint Bases)

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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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