



DOUBLE VELVET

PRODUCT CODE: VEL Range & TDV Tint Bases

PRODUCT DATA SHEET NO: PL-1-C

DATE: MARCH 2010

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

| Product Description | DOUBLE VELVET is a low odour premium quality interior velvet sheen wall coating that is highly washable and stain resistant. Hero Ingredient: unique stain barrier that forms a multi-layered protective coating preventing dirt from penetrating the paint | | | | | | | | | | | | | | |
|--------------------------------|--|--|--|---------------------|---------------------|-------------------|------------|------------|----------|------------------------------|--|--|------------|------------|-----------|
| Intended Uses | <ul style="list-style-type: none">For application to suitably primed new and old 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. | | | | | | | | | | | | | | |
| Features | <ul style="list-style-type: none">Breathe easy, virtually no odour.Dries to a hard, velvet sheen that will withstand repeated washing.A luxury wall coating and a hard wearing finish.Quick drying - 2 coats can be applied in one day.Stain resistant and easily cleaned.Green star compliant for white and pastel base7 year quality guarantee | | | | | | | | | | | | | | |
| 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 | Approx. 50 % by mass; 38 % by volume | | | | | | | | | | | | | |
| | S G at 23°C | Approx:1,31 kg | | | | | | | | | | | | | |
| | Recommended DFT per coat | Min: 20 µm µ Max: 35 µm | | | | | | | | | | | | | |
| | Theoretical spreading rate | 8-10 m ² /ℓ on a smooth surface. | | | | | | | | | | | | | |
| | Calculated Max VOC | 16g / ℓ for white, STD colours and tinted Pastel Base. 50g /ℓ for Tinted Deep, Transparent and Yellow Base colours | | | | | | | | | | | | | |
| | Flash point | Non flammable | | | | | | | | | | | | | |
| Application Details | Mixing | Stir thoroughly with a flat paddle until homogeneous. | | | | | | | | | | | | | |
| | Method | Brush, roller or airless spray. | | | | | | | | | | | | | |
| | Thinning | Do not thin- Ready for use | | | | | | | | | | | | | |
| | Cleaning | Water | | | | | | | | | | | | | |
| | Substrate | Cement plaster, concrete, fibre-cement, ceiling boards, gypsum plaster, | | | | | | | | | | | | | |
| | Application Environment | <table border="1"><thead><tr><th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr></thead><tbody><tr><td>Min: 10 °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> | | Surface Temperature | Ambient Temperature | Relative Humidity | Min: 10 °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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| Min: 10 °C | Min: 10 °C | Min: 10% | | | | | | | | | | | | | |
| Or 2 °C min. above dew point | | | | | | | | | | | | | | | |
| Max: 40 °C | Max: 40 °C | Max: 85 % | | | | | | | | | | | | | |
| | Drying time | Touch dry 30 min at 23 °C (50% Relative Humidity) Dry to handle 2 h at 23 °C Recoating 2 h at 23 °C | | | | | | | | | | | | | |
| Storage & Packaging | Store away from direct sun, heat and severe cold. Packaging: 1ℓ, 5ℓ, 10ℓ and 20ℓ. 250ml Tester pots | | | | | | | | | | | | | | |



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Tint Bases

- 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.
- 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.
- When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of **DOUBLE VELVET (VEL)**

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 on mechanical shaker for 5 minutes.
- Note: **UNDER NO CIRCUMSTANCES TINT COLOURS FROM DOUBLE VELVET WHITE (VEL 1) USE ONLY THE PRESCRIBED TINT BASES**

Surface Preparation

- Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.
1. **NEW WORK**
 - 1.1 **Cement plaster, concrete, unglazed brickwork, fibre-cement, ceiling boards:** Remove any loose particles and laitance by most suitable means. Prime with **PLASCON PROFESSIONAL WATERBASED PLASTER PRIMER (PWP 750)** or **PLASCON MULTI-SURFACE PRIMER (WUP 1)** or **PLASCON PLASTER PRIMER (UC 56)**. N.B. Soft, underbound, friable and highly porous surfaces must be restored to a sound condition with **PLASCON PLASTER PRIMER (UC 56)** before painting.
 - 1.2 **Gypsum plaster, gypsum board, hardboard** prime with **PLASCON PLASTER PRIMER (UC 56)**. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then these areas must be sealed with **PLASCON PLASTER PRIMER (UC 56)**.
 - 1.3 **Wood:** Sand smooth with 150 grit paper working in the direction of the grain, dust off. Seal knots and resinous areas with **PLASCON KNOT SEAL (PK 2)**. Prime entire surface with **PLASCON WOOD PRIMER (UC 2)**.
 - 1.4 **Mild steel:** Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)**. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding, etc. or **PLASCON RUST REMOVER (RR 1)**. Prime general surfaces the same day with **PLASCON METAL PRIMER (UC 501)** or **PLASCOSAFE 18 PRIMER (EMS 18)**. Use **ZINC PHOSPHATE PRIMER RED OXIDE (UC 207)** for structural steelwork.
 - 1.5 **Galvanised steel:** Clean with **PLASCON GALVANISED IRON CLEANER (GIC 1)** to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with **PLASCON GALVANISED IRON PRIMER (GIP 1)**.
 2. **PREVIOUSLY PAINTED SURFACES**
 - 2.1 **Previously painted surfaces in sound condition:** Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with **POLYCELL SUGAR SOAP POWDER** solution to remove all contaminants. Rinse with clean water to remove all traces of **SUGAR SOAP**. Sand glossy enamel surfaces thoroughly to an even matt finish, dust off and apply one coat of **PLASCON UNIVERSAL UNDERCOAT (UC 1)**.
 - 2.2 **Previously painted surfaces in poor condition:** Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with **REMOVAL ALL PURPOSE COATING REMOVER (RRA 220)**. Wash thoroughly with **POLYCELL SUGAR SOAP POWDER** solution. Rinse with fresh water. Proceed as for new work.
 - 2.3 **Chalky surfaces:** Remove as much of the chalky surface as possible. Seal with **PLASCON BONDING LIQUID (CVI 14)** and allow to dry for 16 hrs
 3. **FILLING**

Fill defects with **POLYCELL POLYFILLA MENDALL 90** or **POLYCELL POLYFILLA INTERIOR**. Fill wood and fibre-cement with **POLYCELL POLYFILLA MENDALL 90** and seal with **PLASCON PLASTER PRIMER (UC 56)**.

Application

- Apply two (three coats for some low hiding colours) to prepared surfaces so as to achieve complete obliteration.
- For airless spraying thinning is not required.



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Cautions

- Avoid painting during inclement weather or if temperature is below 10 °C.
- To ensure that colours on a project are consistent check that batch numbers are the same

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 Material Safety Data Sheet for complete information.
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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.

N.B. TO ORDER: Quote product name, product code number, packaging and colour.

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