



ELIDZ NEW BUILDING

KP019550

CHESTER RD, SUNNYRIDGE, EAST LONDON, 5201, EASTERN CAPE

07 MAY 2025



Date: 07 May 2025

ELIDZ New Building
Lower
Chester Rd, Sunnyridge, East London, 5201, Eastern Cape

Attention: Travis Tobbell

S & P Architects
123 Western Ave, Vincent, East London, 5247

Telephone Number: 0437269327
Cellular Number:
E-mail Address: travist@smale.co.za

Dear Travis Tobbell

RE: ELIDZ NEW BUILDING

With reference to our visit and assessment of the abovementioned project, we would like to offer the following recommendations for your consideration.

GENERAL

- There is a possibility that clean, bright colours might not cover in two coats. Another one or in extreme cases two coats might be required to achieve opacity. Alternatively, a similar colour (in a medium or dark base) can be used as the base colour and then overcoated with the recommended topcoat colour.
- To achieve full obliteration when using colours falling within the bright, clean colour spectrum, multi-coats will be necessary to achieve full obliteration, after the application of the plaster primer and the appropriate base coat where necessary. This should be taken into consideration when specifying and pricing within this parameter.
- **PLEASE NOTE:** When **YELLOW** top coats are selected for **NEW and REDEC WORK Application**, it is imperative to use Plascon Professional Plaster Primer - PP950 (Alkali Burn Resistance Primer) in place of other plaster primers as pH levels may be exceptionally high on new or hairline cracked plaster.
- Kansai Plascon reserves the right to amend the specification once site establishment has taken place should it be deemed necessary e.g. plaster severely cracked but paint has not. It is not always possible to accurately determine the condition of the substrate underneath the existing coating
- Uneven, inconsistent surface profiles will result in varying reflectance levels which will present as a patchy finish, even when matt coatings are used. We are using high build coatings to mask this effect
- Only the areas mentioned in the scope of works must be coated
- All the products mentioned in these specifications must be applied strictly in accordance with the relevant Product Data Sheets
- A site inspection must be carried out by a Plascon consultant prior to painting of the substrates to ensure that the scope of work is correct
- **A full coat of the specified Plascon primer must be applied to surfaces exhibiting excessive chalking and fading.**
- At the time of inspection there was no chalking evident, however should chalking be evident when painting commences a full coat of the specified primer is required.
- Should 50% or more of the surface area require patch priming, it is recommended for a full coat of the specified primer be applied.
- The waterproofing problems visible exceed the capabilities of our Plascon products and therefore we recommend that you contact a waterproofing specialist to assist you with your waterproofing issues.
- Once the waterproofing has been successfully carried out and the moisture levels of the substrates is below 8% when measured on a Doser Hygrometer BD2 scale (or equivalent), should painting commence.
- Please note that the attached specifications are valid for a **six month** period from date of issue.

PLEASE NOTE:

- a. The client/contractor must notify the Plascon Projects Department that the project has been awarded and when the project will start. Please fill in and fax the attached Project Action Sheet back to the Commercial Projects Division. Phone number: (011) 608 0790 and fax number: 086 688 0378.
- b. In order to facilitate the Plascon Guarantee, Plascon Preferred Applicators must be used on this project.

Please note that the attached specifications are valid for an six-month period from date of issue. Should the project not commence during this period it may be necessary to re-assess the project as further coating deterioration may have occurred and product upgrades may be necessary.

Colour change is how much colour the painted surface changes over time, compared to a standard Plascon colour reference. Using the Grey

Scale ISO/SANS 105-A02:1993 (E), the degree of fading is measured by comparing the colour of the painted surface to the colour of a standard colour panel. The colour change is measured on a scale of 1 to 5, with 5 being the least amount of colour change. Using the Grey Scale, paint is guaranteed to have a colour change of no more than 4-5 within three years of painting, and no more than 3-4 within five years of painting. After five years, the colour change cannot be guaranteed.

i.e., In the Plascon Colour system bright and rich colours are vulnerable and more susceptible to fading in exterior applications due to ultraviolet, infrared, exposure and weathering. As a result, a Colour change of 3-4 can be expected within 3 years of painting. The Grey Scale Standard ISO/SANS 105-A02:1993 (E), is used locally (SANS) and internationally (ISO) to assess colour change.

Yours sincerely

KURT BRUINDERS
CONSULTANT



PLEASE NOTE

THE PROJECT ACTION SHEET TOGETHER WITH A COPY OF YOUR QUOTE (ITEMISING THE PRODUCTS AND SURFACE PREPARATION THAT WAS TENDERED ON - PLEASE DELETE YOUR PRICING) INCLUDED IN THIS DOCUMENT MUST BE RETURNED TO PLASCON COMMERCIAL SPECIFICATIONS DEPARTMENT FAX NO: 086 688 0378

**PRIOR TO THE COMMENCEMENT OF THIS PROJECT
TO FACILITATE PLASCON'S FORMALITIES AND TIMEOUS SITE ATTENDANCE**

IF THIS IS NOT ADHERED TO NO PROJECT GUARANTEE WILL BE ISSUED

SPECIFICATIONS FOR

ELIDZ NEW BUILDING

LOWER

**CHESTER RD, SUNNYRIDGE, EAST LONDON, 5201, EASTERN
CAPE**

CONTENTS

- Index/Scope of Work
- Contractors Quotation Requirements
- Project Action Sheet
- Specifications

DISCLAIMER

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INDEX/SCOPE OF WORK

SPEC NO	SUBSTRATE	SPECIFICATION TYPE	PRODUCT	FINISH	LIFE EXPECTANCY	LOCATIONS	BUILDING ELEMENTS
1	Cement Plaster	New Work	Wall & All (WAA/TWA) / Professional Gypsum & Plaster Primer (PP700) / Professional Bridging Compound (PWC520)	Smooth/Water Based	Severe: 8 years	Exterior	Walls
2	Cement Plaster	New Work	Professional Superior Low Sheen (PEM 1000/TLS) / Professional Gypsum & Plaster Primer (PP700)	Smooth/Water Based	Moderate: 10 years	Interior	Walls
3	Cement Plaster	New Work	Kitchens & Bathrooms (KBM/TKM) / Professional Gypsum & Plaster Primer (PP700)	Smooth/Water Based	Moderate: 8 years	Interior	Bathroom walls
4	Wood	New Work	Velvaglo Water Based (VLW/TVW) / Wood Primer (UC2) / Plascon Universal Undercoat (UC1)	Smooth/Water Based	Moderate: 10 years	Interior	Doors Skirting boards
5	Wood	New Work	Velvaglo Water Based (VLW/TVW) / Wood Primer (UC2) / Plascon Universal Undercoat (UC1)	Smooth/Water Based	Severe: 6 years	Exterior	Doors

AREAS TO BE EXCLUDED

All substrates not mentioned in this document

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Contractor quotation requirements for Guarantee Projects:

- Contractors to provide proof of registration with the Unemployment Insurance Fund (UIF) and Compensation for Occupational Injuries and Diseases Act (COID).
- Contractors must advise the client in writing, as to whether they will be using their own staff or sub-contractors on the project.
- The successful contractor will be required to supply a program of works prior to commencement.
- Allowance must be made for removal and replacement of screws on signage (excluding neon signs), where necessary.
- Please supply a total break down of the quotation price for the redecoration work as per Plascon's recommended specification numbers & substrate types (as per this document) for guarantee purposes.
- Quotations are to be valid for a three month period.

Project Action Sheet:

- To assist with prompt handover of projects we have partially prepared a "Project Action Sheet" for this project.
- Once a decision has been made to award the project to a painting contractor, we would appreciate you completing the items highlighted in red in sections 1-3 and attaching a copy of the successful contractor's quotation. This information can then be faxed to our offices:

To : Plascon South Africa (Pty) Ltd
Attention : Trade Projects Department
Facsimile Number: 086 688 0378
Email : trade.admin@kansaiplascon.co.za

- We will complete the outstanding information internally and ensure that the relevant Plascon people are advised to monitor the project and prepare the guarantee documentation.

Your assistance with the above is appreciated.

NB: PLEASE ATTACH COPY OF ACCEPTED QUOTATION!!!

SECTION 1			
Project Name	ELIDZ New Building		
Project Address	Lower, Chester Rd, Sunnyridge, East London, 5201, Eastern Cape		
Architects		Contact Person & Contact Number	
Client	S & P Architects	Contact Person & Contact Number	Travis Tobbell
Corporate Client		Contact Person & Contact Number	
Developer		Contact Person & Contact Number	
Quantity Surveyor		Contact Person & Contact Number	
Clients Consultant		Contact Person & Contact Number	
SECTION 2			
Applicator		Contact Person & Contact Number	
Contractor's Consultant		Contact Number	
Estimated Start Date		Estimated Completion Date	
Estimated Contract Value		Estimated Paint Value	
SECTION 3			
<u>SURFACE AREAS TO BE PAINTED AND INSPECTED:</u>			
Does the scope of work remain the same as per specification document?: NO/YES			
(If the answer is no, please supply changes or areas that are to be excluded or included)			
N/A			
SECTION 4 - SUBSTRATES GUARANTEED			
COATING SYSTEMS - As per Plascon Specification Document Dated		07 May 2025	
The following specifications will apply to the guarantee:			
SPEC NO:	SUBSTRATE	BUILDING ELEMENT	GUARANTEE PERIOD
SECTION 4 - SUBSTRATES GUARANTEED			
Quality Assurance (Contract value above R200 000,00)			No
Product Guarantee			Yes
Instructions/Paperwork:			
Contractors Rep			
Site Inspection Required			Yes
Reference Area Required			No
Colour Finishing Schedule Required			No

SPECIFICATION SHEET NO. 1**APPLICABLE LOCATIONS:**

EXTERIOR :: WALLS

NEW WORK: Exterior**SUBSTRATE:** Cement Plaster

PAINT FINISH : **Wall & All**
 (Smooth Finish - Waterbased, premium pure acrylic - sheen)

PRODUCT CODE: **WAA**

COLOUR : White and standard colours as per colour card, plus Plascon colour system and other fan decks

ENVIRONMENT: The Maintenance Cycle is a Guide but can vary due to micro-climate changes identified on the site which will effect the longevity of the coating system

As per SANS 10305-1:2012 Edition 1.2, Section 4.1.3: Severe

- Coastal areas subject to salt spray (up to 3KM Inland)
- Non-Industrial
- Average rainfall
- Inland Industrial Areas
- Significant atmospheric pollution
- Areas where driving rain occurs frequently

Maintenance Cycle: 8 years

Plascon Coating System	Application Method	Spreading Rate (m ²)	WFT/ DFT μm (min & max)	Reducer/Cleaner	No. of Coats	Overcoating time, h @23°C	Technical Data Sheet No	TVOC g/litre
Primer: Professional Gypsum & Plaster Primer (PP700)	brush, roller or airless spray	@ 40 μm Theo: 8.80m ² /litre Prac: 5.10m ² /litre	WFT: 100/129 microns DFT: 35/45 microns	Mineral Turpentine	1	16 hours		423
ONLY EXTERIOR: Window sills, ledges, parapets, plaster bands, protruding plaster detail, etc. Professional Bridging Compound (PWC520)	brush or roller	@ 250 μm Theo: 2.00m ² /litre Prac: 1.50m ² /litre	WFT: 400-600 per coat DFT: 200-300 per coat	Water	3	4 hours		10
Topcoat: Wall & All (WAA/TWA)	brush, roller or airless spray	@ 30 μm Theo: 12.70m ² /litre Prac: 7.00m ² /litre	WFT: 66/92 microns DFT: 25/35 microns	Water	2	2 hours	5908	13 white & tint bases, 13-19 std colours

SURFACE PREPARATION:

- Ensure that surfaces are dry, sound and clean.
- Concrete must cure for minimum 28 days and cement plaster 14 days before painting.
- Remove any hollow and soft/underbound plaster and replaster.
- Remove dirt and loose particles.
- Remove any oil, grease and other contaminants with Plascon Metalcare Aquasolv Degreaser (GR 1) working it well into affected areas with bristle broom or brush. Leave for 20 minutes to react, then rinse thoroughly with fresh water to remove all traces of Plascon Metalcare Aquasolv Degreaser (GR 1), using high pressure water jet or scrubbing with brush or broom. Allow to dry completely.
- Remove fungi and algae by scrubbing with a solution of household bleach (3,5 % sodium hypochlorite) - 1 part bleach to 2 parts water by volume. Leave for 1 hour, then brush off with a bristle brush. Rinse thoroughly with tap water to remove all traces of bleach and allow to dry.
- Fill cracks and other surface defects with the appropriate Polycell filler - refer Surface Preparation, Crack Repair.
- Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
 - concrete, off-shutter, pre-cast : B4 scale - 5 %
 - cement plaster, brickwork, fibre-cement : B2 scale - 8 %

APPLICATION:

Primer Coat

- Apply one coat of Plascon Professional Gypsum & Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry. (water based topcoat)

Intermediate Coats for Selected Substrates: 3 Coats only exterior Window sills, ledges, parapets, plaster bands, protruding plaster detail, etc.

- Apply three full coats of Plascon Professional Bridging Compound (PWC520) at a spreading rate of approximately 1.5m²/litre per coat. Allow 4 hours drying between coats. Stipples should be smoothed out while still wet using a water-wet brush.

Finishing Coats

- Apply two full coats of Plascon Wall & All (WAA/TWA) to achieve complete obliteration, allowing 2 hours drying between coats.

Please Note:

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.

DISCLAIMER:

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SPECIFICATION SHEET NO. 2**APPLICABLE LOCATIONS:**

INTERIOR :: WALLS

NEW WORK: Interior**SUBSTRATE:** Cement Plaster**PAINT FINISH :** Professional Superior Low SheenPRODUCT CODE: **PEM 1000**

(Smooth Finish - Waterbased superior low sheen acrylic, durable, washable)

COLOUR : White plus Plascon colour system and other fan decks**ENVIRONMENT:** The Maintenance Cycle is a Guide but can vary due to micro-climate changes identified on the site which will effect the longevity of the coating system**As per SANS 10305-1:2012 Edition 1.2, Section 4.1.3:** Moderate

- Dry well-ventilated environments, i.e. Domestic, Commercial and Light Industrial buildings
- Possibly more frequent moderate condensation
- Moderate soiling, abrasion or handling of surfaces

Maintenance Cycle: 10 years

Plascon Coating System	Application Method	Spreading Rate (m ²)	WFT/ DFT µm (min & max)	Reducer/Cleaner	No. of Coats	Overcoating time, h @23°C	Technical Data Sheet No	TVOC g/litre
Primer: Professional Gypsum & Plaster Primer (PP700)	brush, roller or airless spray	@ 40 µm Theo: 8.80m ² /litre Prac: 5.10m ² /litre	WFT: 100/129 microns DFT: 35/45 microns	Mineral Turpentine	1	16 hours		423
Topcoat: Professional Superior Low Sheen (PEM 1000/TLS)	brush, roller or airless spray	@ 30 µm Theo: 12.70m ² /litre Prac: 7.00m ² /litre	WFT: 66/92 microns DFT: 25/35 microns	Water	2	1 hour	5850	< 5 white & pastel tinted <16 deep & transparent bases tinted

SURFACE PREPARATION:

- Ensure that surfaces are dry, sound and clean.
- Concrete must cure for minimum 28 days and cement plaster 14 days before painting.
- Remove any hollow and soft/underbound plaster and replaster.
- Remove dirt and loose particles.
- Remove any oil, grease and other contaminants with Plascon Aquasolv Degreaser (GR 1) working it well into affected areas with bristle broom or brush. Leave for 20 minutes to react, then rinse thoroughly with fresh water to remove all traces of Plascon Aquasolv Degreaser (GR 1), using high pressure water jet or scrubbing with brush or broom. Allow to dry completely.
- Remove fungi and algae by scrubbing with a solution of household bleach (3,5 % sodium hypochlorite) - 1 part bleach to 2 parts water by volume. Leave for 1 hour, then brush off with a bristle brush. Rinse thoroughly with tap water to remove all traces of bleach and allow to dry.
- Fill cracks and other surface defects with the appropriate Polycell filler - refer Surface Preparation, Crack Repair.
- Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
 - concrete, off-shutter, pre-cast : B4 scale - 5 %
 - cement plaster, brickwork, fibre-cement : B2 scale - 8 %
- Caution: please check cement plaster integrity. Any friable or hollow disbanded plaster must be removed.

APPLICATION:**Primer Coat**

- Apply one coat of Plascon Professional Gypsum & Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry. (water based topcoat)

Finishing Coats

- Apply two full coats of Plascon Professional Superior Low Sheen (PEM 1000/TLS) to achieve complete obliteration, allowing 1 hour drying between coats.

Please Note:

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.

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SPECIFICATION SHEET NO. 3**APPLICABLE LOCATIONS:**

INTERIOR :: BATHROOM WALLS

NEW WORK: Interior**SUBSTRATE:** Cement Plaster**Kitchens & Bathrooms****PAINT FINISH :** (Microshield inhibits microbial growth Stain and steam resistant 10 times more washable than conventional paint)PRODUCT CODE:
KBM**COLOUR :** White and standard colours as per colour card, plus Plascon colour system and other fan decks**ENVIRONMENT:** The Maintenance Cycle is a Guide but can vary due to micro-climate changes identified on the site which will effect the longevity of the coating system**As per SANS 10305-1:2012 Edition 1.2, Section 4.1.3:** Moderate

- Dry well-ventilated environments, i.e. Domestic, Commercial and Light Industrial buildings
- Possibly more frequent moderate condensation
- Moderate soiling, abrasion or handling of surfaces

Maintenance Cycle: 8 years

Plascon Coating System	Application Method	Spreading Rate (m ²)	WFT/ DFT µm (min & max)	Reducer/Cleaner	No. of Coats	Overcoating time, h @23°C	Technical Data Sheet No	TVOC g/litre
Primer: Professional Gypsum & Plaster Primer (PP700)	brush, roller or airless spray	@ 40 µm Theo: 8.80m ² /litre Prac: 5.10m ² /litre	WFT: 100/129 microns DFT: 35/45 microns	Mineral Turpentine	1	16 hours		423
Topcoat: Kitchens & Bathrooms (KBM/TKM)	brush, roller or airless spray	@ 35 µm Theo: 10.60m ² /litre Prac: 6.00m ² /litre	WFT: 81/108 microns DFT:30/40 microns	Water	2	2 hours	5806	< 5 white and pastel tinted

SURFACE PREPARATION:

- Ensure that surfaces are dry, sound and clean.
- Concrete must cure for minimum 28 days and cement plaster 14 days before painting.
- Remove any hollow and soft/underbound plaster and replaster.
- Remove dirt and loose particles.
- Remove any oil, grease and other contaminants with Plascon Metalcare Aquasolv Degreaser (GR 1) working it well into affected areas with bristle broom or brush. Leave for 20 minutes to react, then rinse thoroughly with fresh water to remove all traces of Plascon Metalcare Aquasolv Degreaser (GR 1), using high pressure water jet or scrubbing with brush or broom. Allow to dry completely.
- Remove fungi and algae by scrubbing with a solution of household bleach (3,5 % sodium hypochlorite) - 1 part bleach to 2 parts water by volume. Leave for 1 hour, then brush off with a bristle brush. Rinse thoroughly with tap water to remove all traces of bleach and allow to dry.
- Fill cracks and other surface defects with the appropriate Polycell filler - refer Surface Preparation, Crack Repair.
- Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
 - concrete, off-shutter, pre-cast : B4 scale - 5 %
 - cement plaster, brickwork, fibre-cement : B2 scale - 8 %

APPLICATION:**Primer Coat**

- Apply one coat of Plascon Professional Gypsum & Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry. (water based topcoat)

Finishing Coats

- Apply two coats of Plascon Kitchens & Bathrooms (KBM/TKM) to achieve complete obliteration, allowing 2 hours drying between coats.

Please Note:

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.

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SPECIFICATION SHEET NO. 4**APPLICABLE LOCATIONS:**

INTERIOR :: DOORS , SKIRTING BOARDS

NEW WORK:	Interior
SUBSTRATE:	Wood
PAINT FINISH :	Velvagio Water Based (Premium Quality Satin Finish Non Drip Waterbased Enamel) <div>PRODUCT CODE: VLW</div>
COLOUR :	White plus Plascon colour system and other fan decks
ENVIRONMENT:	<p>The Maintenance Cycle is a Guide but can vary due to micro-climate changes identified on the site which will effect the longevity of the coating system</p> <p>As per SANS 10305-1:2012 Edition 1.2, Section 4.1.3: Moderate</p> <ul style="list-style-type: none">• Dry well-ventilated environments, i.e. Domestic, Commercial and Light Industrial buildings• Possibly more frequent moderate condensation• Moderate soiling, abrasion or handling of surfaces

Maintenance Cycle: 10 years

Plascon Coating System	Application Method	Spreading Rate (m ²)	WFT/ DFT μ m (min & max)	Reducer/Cleaner	No. of Coats	Overcoating time, h @23°C	Technical Data Sheet No	TVOC g/litre
Primer: Wood Primer (UC2)	brush, roller or airless spray	@ 30 μ m Theo: 15.00m ² /litre Prac: 8.30m ² /litre	WFT: 56/78 microns DFT: 25/35 microns	Performance Coating Thinner 5110	1	16 hours		422
Undercoat: Plascon Universal Undercoat (UC1)	brush, roller or airless spray	@ 30 μ m Theo: 14.30m ² /litre Prac: 7.90m ² /litre	WFT: 58-93 DFT: 25-40	Mineral Turps (AZH1)	1	16 hours		300
Topcoat: Velvagio Water Based (VLW/TVW)	brush, roller or airless spray	@ 30 μ m Theo: 9.70m ² /litre Prac: 5.50m ² /litre	WFT: 88/118 microns DFT:30/40 microns	Water	2	4 hours	8166	46-50 white, pastel tinted < 53-60 deep & transparent bases tinted

SURFACE PREPARATION:

- Ensure that surfaces are clean, dry and sound.
- Moisture content measured with a Doser Hygrometer B 2 scale A1-A5 (or equivalent), depending on the wood type, must be <14 % before painting.
- Sand wood to a smooth finish with 150 - 220 grit paper in the direction of the grain (depending on the smoothness required). Sharp edges must be rounded off. Dust off.
- Fill holes and other surface defects with Plascon Polyfilla Mendall 90 (801601) working off smoothly while wet. Allow 6- 8 hours to dry, then sand to a smooth finish. Dust off.
- Wash knots and resinous areas with Plascon Lacquer Thinner (ILS 1). Apply Plascon Woodcare Knot Seal (PK 2) to all knots and resinous areas. Allow 1 hour to dry.

APPLICATION:**Primer Coat**

- Apply one coat of Plascon Wood Primer (UC 2) to achieve a continuous film. Allow 16 hours to dry. (water based topcoat)

Undercoat

- Apply one coat of Plascon Universal Undercoat (UC 1) to achieve a continuous film. Allow 16 hours to dry.

Finishing Coats

- Apply two full coats of Plascon Waterbased Velvagio (VLW/TVW) to achieve complete obliteration, allowing 4 hours drying between coats.

NB: if white is used, three coats might be necessary to achieve obliteration.

Please Note:

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.

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SPECIFICATION SHEET NO. 5**APPLICABLE LOCATIONS:**

EXTERIOR :: DOORS

NEW WORK: Exterior**SUBSTRATE:** Wood**PAINT FINISH :** **Velvagio Water Based**
(Premium Quality Satin Finish Non Drip Waterbased Enamel)PRODUCT CODE: **VLW****COLOUR :** White plus Plascon colour system and other fan decks**ENVIRONMENT:** The Maintenance Cycle is a Guide but can vary due to micro-climate changes identified on the site which will effect the longevity of the coating system**As per SANS 10305-1:2012 Edition 1.2, Section 4.1.3:** Severe

- Coastal areas subject to salt spray (up to 3KM Inland)
- Non-Industrial
- Average rainfall
- Inland Industrial Areas
- Significant atmospheric pollution
- Areas where driving rain occurs frequently

Maintenance Cycle: 6 years

Plascon Coating System	Application Method	Spreading Rate (m ²)	WFT/ DFT µm (min & max)	Reducer/Cleaner	No. of Coats	Overcoating time, h @23°C	Technical Data Sheet No	TVOC g/litre
Primer: Wood Primer (UC2)	brush, roller or airless spray	@ 30 µm Theo: 15.00m ² /litre Prac: 8.30m ² /litre	WFT: 56/78 microns DFT: 25/35 microns	Performance Coating Thinner 5110	1	16 hours		422
Undercoat: Plascon Universal Undercoat (UC1)	brush, roller or airless spray	@ 30 µm Theo: 14.30m ² /litre Prac: 7.90m ² /litre	WFT: 58-93 DFT: 25-40	Mineral Turps (AZH1)	1	16 hours		300
Topcoat: Velvagio Water Based (VLW/TVW)	brush, roller or airless spray	@ 30 µm Theo: 9.70m ² /litre Prac: 5.50m ² /litre	WFT: 88/118 microns DFT:30/40 microns	Water	2	4 hours	8166	46-50 white, pastel tinted < 53-60 deep & transparent bases tinted

SURFACE PREPARATION:

- Ensure that surfaces are clean, dry and sound.
- Moisture content measured with a Doser Hygrometer B 2 scale A1-A5 (or equivalent), depending on the wood type, must be <14 % before painting.
- Sand wood to a smooth finish with 150 - 220 grit paper in the direction of the grain (depending on the smoothness required). Sharp edges must be rounded off. Dust off.
- Fill holes and other surface defects with Plascon Polyfilla Mendall 90 (801601) working off smoothly while wet. Allow 6- 8 hours to dry, then sand to a smooth finish. Dust off.
- Wash knots and resinous areas with Plascon Lacquer Thinner (ILS 1). Apply Plascon Woodcare Knot Seal (PK 2) to all knots and resinous areas. Allow 1 hour to dry.

APPLICATION:

Primer Coat

- Apply one coat of Plascon Wood Primer (UC 2) to achieve a continuous film. Allow 16 hours to dry. (water based topcoat)

Undercoat

- Apply one coat of Plascon Universal Undercoat (UC 1) to achieve a continuous film. Allow 16 hours to dry.

Finishing Coats

- Apply two full coats of Plascon Waterbased Velvaglo (VLW/TVW) to achieve complete obliteration, allowing 4 hours drying between coats.

NB: if white is used, three coats might be necessary to achieve obliteration.

Please Note:

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.

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. No part of this work may in any form or by any means be reproduced without the prior written permission NB: The specification should be read in conjunction with the product data sheet. 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. Copyright ©Kansai Plascon (Pty) Ltd 2025. All rights reserved. No part of this work may in any form or by any means be reproduced without prior written permission of the copyright owner. PLASCON is the registered trademark of Kansai Plascon (Pty) Ltd.

SURFACE PREPARATION GLOSSARY:

TABLE OF REFERENCES:

- Technical Data Sheet (TDS) : User must always ensure that latest issue is used.
- B = Brush (ready for use), R = Roller (synthetic, min. 10mm pile) (ready for use), S = Airless spray (ready for use).
- Theoretical spreading rate quoted is for smooth non-porous substrates and does not include allowance for surface profile, porosity, wastage and uneven film application. Suitable allowance should be made according to type of work, method and skill of applicator. Practical spreading rate quoted is an average guide only - actual must be determined by user - see Preamble for formulation how to calculate.
- Overcoating times are at 23°C and 75% relative humidity. Longer times must be allowed under cooler and moist conditions. DO NOT paint during inclement weather and when temperature is below 10°C.
- Fading and chalking will occur to a greater or lesser degree depending on pigmentation and generic binder type.
- NB: Life expectancy may vary, depending on environmental conditions and stresses, within the macro/micro climate of the project.