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# REHABILITATION & RESTORATION OF KZN LEGISLATURES LAW SOCIETY BUILDING PIETERMARITZBURG

**NEW SPECIFICATIONS  
DOCUMENT REFERENCE NO:  
ZV 818252-02-16**

**L & R ARCHITECTS  
08 FEBRUARY 2016**



08 February 2016

L & R ARCHITECTS  
Netcare Office Park  
Block D, Suite D6  
95 Umhlanga Rocks Drive  
Durban

Attention : Asif Khan  
Telephone number : 031 573 1202

Dear Mr Khan

RE: **PAINTING OF THE INTERIOR & EXTERIOR SURFACES AT REHABILITATION & RESTORATION OF KZN LEGISLATURES LAW SOCIETY BUILDING, 244 Langalibalele Street, Pietermaritzburg**

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

**OVERVIEW:**

- **PLEASE NOTE:** When **YELLOW** top coats are selected for New 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.
- **PLEASE NOTE:** This specification is only valid for 8 months from date of issue. Should the project not commence during this period it may be necessary to re-assess the project.
- Kansai Plascon reserve the right to change the suggested topcoat once the colour finalisation has taken place as dark colours will result in slightly higher sheen levels which will show up surface imperfections, whereas a matt finish will mask minor surface imperfections.
- **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.
- 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.
- Only the areas mentioned in the scope of works must be coated.
- Plaster sand should comply with SABS 1090 requirements. Plaster mix must be applied at a minimum thickness of 10mm, curing to a hard and sound finish, free of soft and friable material. MPA strength must comply with SABS 0164-1 (10MPa=2, 6:1 and 5MPa=4:1).
- The substrates to be coated must be handed over to the painting contractor in a good condition. Should crack repairs be necessary, please contact Plascon for a crack repair specification guideline.
- Where necessary, waterproofing should be carried out by a waterproofing specialist.
- All the products mentioned in these specifications must be applied strictly in accordance with the relevant Product Data Sheets.
- **NB: The moisture levels need to be less than 8% on the BD2 scale measure on the Dozer Hygrometer before applying the Primer.**

**Please note:-**

- **Waterproofing needs attention**
- **Hammer test to identify spalling**
- **Intercoat adhesion failure is evident – strip with HP machine**

**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: (031) 451-3200 and fax number: (031)451-3411**
- b) **In order to facilitate the Plascon Guarantee, Plascon Preferred Applicators must be used on this project.**
- c) **Please be advised that should this specification based on the architects / QS's requests vary from the original Provisional Bill of Quantity, Bill of Quantity or tender selection process, the variations would need to be discussed between the architect & the main contractor.**

Please note that the attached specifications are valid for an eight-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.

As per your request, we have prepared a complete paint survey document. Should a decision be made to award the project to an alternative manufacturer, using this document, a service fee of **R7 000, 00** will be levied.

It is recommended that imported light fast colourants/pigments be used for the bright, clean colours. These colours will change uniformly and a difference in the finishing colour will be noted after +- 1 year. Pantone colours should not be used but rather choose colours from the RAL or BS colour standards.

Colour change and chalking will take place at approximately 5% per year as per Florida standards. This however will not affect substrate protection.

To achieve full obliteration when using colours falling within the bright, clean colour spectrum, one coat of Plascon Colourprep Basecoat Water Based (CPW 1000) or one coat of Plascon Colourprep Basecoat Solvent Based (CPS 1000) must be applied after the application of Plaster Primer; alternatively multi-coats will be necessary to achieve full obliteration. This should be taken into consideration when specifying and pricing within this parameter.

Your consideration on the above proposal is appreciated and we look forward to a favourable response. Please do not hesitate to contact Plascon's Project Division should you need further information regarding the specification detail in this document.

Yours sincerely

\_\_\_\_\_  
**ZOË VENTER**  
**TRADE PROJECTS CO-ORDINATOR**

\_\_\_\_\_  
**KERRY-LEIGH GREEN**  
**ARCHITECTURAL 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: 031 451 3411**

**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**

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## **SPECIFICATIONS FOR PAINTING THE INTERIOR & EXTERIOR SURFACES AT**

# **REHABILITATION & RESTORATION OF KZN LEGISLATURES LAW SOCIETY BUILDING 244 LANGALIBALELE STREET PIETERMARITZBURG**

### **CONTENTS**

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

### **DISCLAIMER**

The recommendations contained herein are given in good faith and are meant to guide the user based on the information given to Plascon. Should, during the course of the redecoration program, circumstances arise in specific areas which require a change in the painting specifications to accommodate these circumstances; Plascon will provide the amended specifications.

**INDEX/SCOPE OF WORK – Interior & Exterior**

Spec No	Substrate Type	Product & Product Code	Water/Solvent Based Texture/Finish	Life Expectancy (Years)	Substrate/S
1.	Exterior Cement Plaster & Concrete	Plascon Wall & All, (WAA)	Premium Pure Acrylic Sheen	C1 – 7 C3 – 6 C5 – 7	Walls
2.	Exterior Cement Plaster & Concrete	Plascon Water based Velvagio, (VLW)	Smooth Finish – Water Based, Premium Non-Drip Satin Enamel	C1 – 12 C3 – 10 C5 – 10	Window Sills
3.	Interior Cement Plaster & Concrete	Plascon Cashmere, (CAS)	Premium Washable, Matt Acrylic, Stain Resistant	C1 – 7 C3 – 7 C5 – 7	Walls
4.	Interior Cement Plaster & Concrete	Plascon Kitchens & Bathrooms (KBM 1/ TMK 1000)	Premium Quality Water Based Enamel For High Humidity Unique Microshield Inhibits Microbial Growth	C1 – 7 C3 – 7 C5 – 7	Walls (Wet)
5.	Interior Wood	Plascon Woodcare Floor Varnish, (PFV)	Clear Abrasion, Stain Resistant Gloss and Varnish	C1 – 3 C3 – 3 C5 – 3	Floors
6.	Exterior Face Brick	Plascon Brickseal, (WBS1)	Silicone-Based Water Repellant Treatment	C1 – 3 C3 – 3 C5 – 3	Walls
7.	Interior Gypsum Plaster	Plascon Polvin Super Acrylic, (EPL)	Superior Matt Acrylic, Durable	C1 – 5 C3 – 5 C5 – 5	Ceilings Cornices
8.	Interior Gypsum Plaster	Plascon Kitchens & Bathrooms (KBM 1/ TMK 1000)	Premium Quality Water Based Enamel For High Humidity Unique Microshield Inhibits Microbial Growth	C1 – 7 C3 – 7 C5 – 7	Ceilings (Wet)
9.	Interior Wood	Plascon Woodcare Ultra Varnish, (X 33 / X 44)	Smooth, Solvent Based, Mar And Stain Resistant Gloss Or Suede Varnish	C1 – 5 C3 – 5 C5 – 5	Doors Handrails Timber Shelves Fire Place
10.	Interior Wood	Plascon Water based Velvagio, (VLW)	Smooth Finish – Water Based, Premium Non-Drip Satin Enamel	C1 – 12 C3 – 10 C5 – 10	Skirting Boards Trusses Window Frames Picture Rails
11.	Interior Galvanised Iron	Plascon Water based Velvagio, (VLW)	Smooth Finish – Water Based, Premium Non-Drip Satin Enamel	C1 – 12 C3 – 10 C5 – 10	Window Frames

**AREAS TO BE EXCLUDED**

All substrates not mentioned in this document

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**Contractor quotation requirements for Guarantee Projects:**

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

**Project Action Sheet:**

- a) To assist with prompt handover of projects we have partially prepared a "Project Action Sheet" for this project.
- b) 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

- c) 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.

## Project Action Sheet

NEW WORK

DATE: 08 FEBRUARY 2016

**NB: PLEASE ATTACH COPY OF ACCEPTED QUOTATION!!!**

SECTION 1			
Project Name	REHABILITATION & RESTORATION OF KZN LEGISLATURES LAW SOCIETY BUILDING		
Project Address	244 LANGALIBALELE STREET, PIETERMARITZBURG		
Architects	L & R ARCHITECTS	Contact Person & Contact Number	ASIF KHAN 031 573 1202
Corporate Client		Contact Person & Contact Number	
Developer		Contact Person & Contact Number	
Quantity Surveyor		Contact Person & Contact Number	
Clients Consultant	KERRY-LEIGH GREEN	Contact Number	082 934 4931
SECTION 2			
Applicator		Contact Person & Contact Number	
Contractor's Consultant		Contact Number	
Starting Date		Completion Date	
Contract Value		Paint Value	
SECTION 3			
<b>SURFACE AREAS TO BE PAINTED AND INSPECTED:</b>			
Does the scope of work remain the same as per specification document?: <b>NO/YES</b>			
(If the answer is no, please supply changes or areas that are to be excluded or included)			
SECTION 4 – SUBSTRATES GUARANTEED			
COATING SYSTEMS - As per Plascon Specification Document Dated			
The following specifications will apply to the guarantee:			
SPEC NO:	INTERIOR/EXTERIOR SUBSTRATE	SURFACES	GUARANTEE PERIOD
<b>Guarantee Type:</b>			
Quality Assurance (Paint value above R150 000,00)			NO/YES
Product Guarantee			NO/YES
<b>Instructions/Paperwork:</b>			
Contractors Rep			
Site Inspection Required			NO/YES
Reference Area Required			NO/YES
Colour Finishing Schedule Required			NO/YES



**SPECIFICATION SHEET NO: 1**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – EXTERIOR

**SUBSTRATE:** Cement Plaster, Concrete  
**Walls**

**PAINT FINISH:** Plascon Wall & All (Smooth Finish – water based, 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:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	7
C3 -	Industrial	6
C5 -	Coastal / Marine	7

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/ DFT $\mu$ m (min & max)	Reducer/ Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103 -132 DFT 35 - 45	Min. Turps (AZH I)	16	PP700
<b>2<sup>nd</sup> Coat:</b> Plascon Wall & All (WAA)	B, R or S	@ 30 $\mu$ m Theo – 13 Prac – 7	WFT 63 - 88 DFT 25 - 35	Water	2	WAA
<b>3<sup>rd</sup> Coat:</b> Plascon Wall & All (WAA)	B, R or S	@ 30 $\mu$ m Theo – 13 Prac – 7	WFT 63 -88 DFT 25 - 35	Water	2	WAA

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**SPECIFICATION SHEET NO: 1 Continued**

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**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 (GR1), 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, SP4 Crack Repair.
  - Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
    - concrete, off-shutter, pre-cast : BD 4 scale - 5%
    - cement plaster, brickwork, fibre-cement : BD 2 scale - 8%
- 

**APPLICATION:**

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
  - Apply two full coats of Plascon Wall & All (WAA) to achieve complete obliteration, allowing 2 hours drying between coats.
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**TABLE 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.

**SPECIFICATION SHEET NO: 2**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – EXTERIOR

**SUBSTRATE:** Cement Plaster, Concrete  
**Window Sills**

**PAINT FINISH:** Plascon Water Based Velvagio PRODUCT CODE: **VLW**  
(Smooth finish – Water based, premium non-drip satin enamel)

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

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	12
C3 -	Industrial	10
C5 -	Coastal / Marine	10

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/ DFT $\mu$ m (min & max)	Reducer/ Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103 -132 DFT 35 - 45	Min. Turps (AZH I)	16	T-16
<b>2<sup>nd</sup> Coat:</b> Plascon Water based Velvagio, (VLW)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103-132 DFT 35-45	Water	4	
<b>3<sup>rd</sup> Coat:</b> Plascon Water based Velvagio, (VLW)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103-132 DFT 35-45	Water	4	

## SPECIFICATION SHEET NO: 2 Continued

### 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, SP4 Crack Repair.
- Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
  - concrete, off-shutter, pre-cast : BD 4 scale - 5%
  - cement plaster, brickwork, fibre-cement : BD 2 scale - 8%

### APPLICATION:

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
- Apply two full coats of Plascon Water based Velvagio Satin (VLW) to achieve complete obliteration, allowing 4 hours drying between coats.

### TABLE 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.

**SPECIFICATION SHEET NO: 3**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – INTERIOR

**SUBSTRATE:** Cement Plaster, Concrete  
**Walls**

**PAINT FINISH:** Plascon Cashmere **PRODUCT CODE: CAS**  
(Smooth finish – water based, premium washable, matt acrylic, stain resistant)

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

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	7
C3 -	Industrial	7
C5 -	Coastal / Marine	7

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/ DFT µm (min & max)	Reducer/ Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 40 µm Theo – 8.5 Prac – 5	WFT 103 -132 DFT 35 - 45	Min. Turps (AZH I)	16	T-16
<b>2<sup>nd</sup> Coat:</b> Plascon Cashmere (CAS)	B, R or S	@ 30 µm Theo – 12 Prac – 6	WFT 71-100 DFT 25 - 35	Water	2	L-107
<b>3<sup>rd</sup> Coat:</b> Plascon Cashmere (CAS)	B, R or S	@ 30 µm Theo – 12 Prac – 6	WFT 71-100 DFT 25 - 35	Water	2	L-107

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## SPECIFICATION SHEET NO: 3 Continued

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### 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, SP4 Crack Repair.
  - Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
    - concrete, off-shutter, pre-cast : BD 4 scale - 5%
    - cement plaster, brickwork, fibre-cement : BD 2 scale - 8%
- 

### APPLICATION:

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
  - Apply two full coats of Plascon Cashmere (CAS) to achieve complete obliteration, allowing 2 hours drying between coats.
- 

### TABLE 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.

**SPECIFICATION SHEET NO: 4**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK - INTERIOR

**SUBSTRATE:** Cement Plaster, Concrete  
**Walls (Wet)**

**PAINT FINISH:** Plascon Kitchens & Bathrooms **PRODUCT CODE: KBM 1**  
Premium quality water based enamel for high humidity unique Microshield inhibits microbial growth

**COLOUR:** White and Pastel colours

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	7
C3 -	Industrial	7
C5 -	Coastal / Marine	7

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/ DFT µm (min & max)	Reducer/ Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 30 µm Theo – 15 Prac – 8	WFT 56 -78 DFT 25 - 35	Min. Turps (AZH I)	16	PP700
<b>2<sup>nd</sup> Coat:</b> Plascon Kitchens & Bathrooms (KBM 1/ TMK 1000)	B, R or S	@ 45 µm Theo – 9.5 Prac – 6.5	WFT 91 - 114 DFT 40 - 50	Water	2	KBM 1
<b>3<sup>rd</sup> Coat:</b> Plascon Kitchens & Bathrooms (KBM 1/ TMK 1000)	B, R or S	@ 45 µm Theo – 9.5 Prac – 6.5	WFT 91 -114 DFT 40 - 50	Water	2	KBM 1

## SPECIFICATION SHEET NO: 4 Continued

### 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 (GR1), 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, SP4 Crack Repair.
- Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
  - concrete, off-shutter, pre-cast : BD 4 scale - 5%
  - cement plaster, brickwork, fibre-cement : BD 2 scale - 8%

### APPLICATION:

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
- Apply two full coats of Plascon Kitchens & Bathrooms (KBM 1/TKM 1000) to achieve complete obliteration, allowing 2 hours drying between coats.

### TABLE 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.



**SPECIFICATION SHEET NO: 5**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK - INTERIOR

**SUBSTRATE:** Wood  
Floor

**PAINT FINISH:** Plascon Woodcare Floor Varnish  
(Clear abrasion and stain resistant gloss or suede varnish) **PRODUCT CODE: PFV**

**COLOUR:** Clear Gloss or Suede

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	3
C3 -	Industrial	3
C5 -	Coastal / Marine	3

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/DFT $\mu$ m (min-max)	Reducer/Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Plascon Woodcare Floor Varnish (PFV) Gloss PFV 1 Suede PFV 2	B, R or S	@ 30 $\mu$ m Theo – 12 Prac – 7	WFT 54 -108 DFT 20 - 40	Min. Turp. (AZH 1)	6	U-34
<b>2<sup>nd</sup> Coat:</b> Plascon Woodcare Floor Varnish (PFV) Gloss PFV 1 Suede PFV 2	B, R or S	@ 30 $\mu$ m Theo – 12 Prac – 7	WFT 54 -108 DFT 20 - 40	Min. Turp. (AZH 1)	6	U-34
<b>3<sup>rd</sup> Coat:</b> Plascon Woodcare Floor Varnish (PFV) Gloss PFV 1 Suede PFV 2	B, R or S	@ 30 $\mu$ m Theo – 12 Prac – 7	WFT 54 -108 DFT 20 - 40	Min. Turp. (AZH 1)	6	U-34

## SPECIFICATION SHEET NO: 5 Continued

### SURFACE PREPARATION:

- Machine sand floors in direction of the grain to remove surface coatings or contaminants until a smooth and uniformly clean profile is obtained. Cross sand hardwoods e.g. Teak. Rake out open joints to remove dirt and wax polish contaminants. Vacuum dust. Just before coating, wipe surface with mutton cloth dampened with Universal Reducer (PUR1) to ensure a spotlessly clean and dust free surface.
- Moisture levels must be less than 14% measured on a Doser Hygrometer "A" scale before painting.

### APPLICATION:

- Apply one coat of Plascon Woodcare Floor Varnish (PFV), Gloss PFV 1, Suede PFV 2 to achieve a continuous film. Allow 6 hours to dry.
- Apply two full coats of Plascon Woodcare Floor Varnish (PFV), Gloss PFV 1, Suede PFV 2 to achieve complete obliteration, allowing 6 hours drying between coats.

### TABLE 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.

**SPECIFICATION SHEET NO: 6**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK - EXTERIOR

**SUBSTRATE:** Brickwork, Stonework, Concrete, Cement Plaster, Fibre-Cement  
**Walls**

**PAINT FINISH:** Plascon Brickseal (Silicone-based water repellent treatment) **PRODUCT CODE: WBS1**

**COLOUR:** Clear

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	3
C3 -	Industrial	3
C5 -	Coastal / Marine	3

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	DFT mm	Reducer/Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Plascon Brickseal (WBS 1)	B, R or S	Prac – 10	N/A	Min. Turp. (AZH 1)	4	S-10
<b>2<sup>nd</sup> Coat:</b> Plascon Brickseal (WBS 1)	B, R or S	Prac – 10	N/A	Min. Turp. (AZH 1)	4	S-10
<b>3<sup>rd</sup> Coat:</b> Plascon Brickseal (WBS 1)	B, R or S	Prac – 10	N/A	Min. Turp. (AZH 1)	4	S-10

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## SPECIFICATION SHEET NO: 6 Continued

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### 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 (GR1) , 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, SP4 Crack Repair.
- Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
  - concrete, off-shutter, pre-cast : BD 4 scale - 5%
  - cement plaster, brickwork, fibre-cement : BD 2 scale - 8%

### APPLICATION:

#### METHOD :

- Apply three coats Plascon Brickseal (WBS1) by Stirrup Pump ensuring that the whole area is covered and absorbency is satisfied.
- Work from the top of a vertical wall down to the bottom. Allow 4 hours drying between coats. The curing of this Siloxane requires 8 hours to complete the reaction with the mineral surface.

**PLEASE NOTE: This material may be blocked brushed or rolled.**

#### DIPPING:

- Bricks, block and prefabricated sections may also be coated by dipping.

### TABLE 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.

**SPECIFICATION SHEET NO: 7**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – INTERIOR

**SUBSTRATE:** Gypsum Plaster (Rhinolite, Rhinoglide, Creststone, Putty Plaster)  
**Ceilings**  
**Cornices**

**PAINT FINISH:** Plascon Polvin Super Acrylic (Smooth finish – water based, superior matt acrylic, durable) **PRODUCT CODE: EPL**

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

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	5
C3 -	Industrial	5
C5 -	Coastal / Marine	5

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/ DFT µm (min & max)	Reducer/ Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 40 µm Theo – 8.5 Prac – 5	WFT 103 -132 DFT 35 - 45	Min. Turps (AZH I)	16	T-16
<b>2<sup>nd</sup> Coat:</b> Plascon Polvin Super Acrylic (EPL)	B, R or S	@ 30 µm Theo – 13 Prac – 7	WFT 64 -90 DFT 25 - 35	Water	1	L-3
<b>3<sup>rd</sup> Coat:</b> Plascon Polvin Super Acrylic (EPL)	B, R or S	@ 30 µm Theo – 13 Prac – 7	WFT 64 - 90 DFT 25 - 35	Water	1	L-3

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**SPECIFICATION SHEET NO: 7 Continued**

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**SURFACE PREPARATION:**

- Ensure surfaces are dry, sound and free from surface contaminants, e.g. loose particles, dust, oil, etc.
  - Soft undercured surfaces may be restored to a sound surface with Plascon Bonding Liquid (CVI 14) thinned 20% by volume with Mineral Turpentine (AZH 1). Allow 16 hours to dry, but not more than 48 hours, before painting.
  - Make good defects using Plascon Polycell Polyfilla Interior (10 10 02) or Plascon Polycell Polyfilla Fine Crack Filler (10 18 01). Allow at least 30 minutes to dry and sand smooth with 220 grit paper and dust off.
- 

**APPLICATION:**

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
  - Apply two full coats of Plascon Polvin Super Acrylic (EPL) to achieve complete obliteration, allowing 1 hour drying between coats.
- 

**TABLE 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.

**SPECIFICATION SHEET NO: 8**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – INTERIOR

**SUBSTRATE:** Gypsum Plaster (Rhinolite, Rhinoglide, Creststone, Putty Plaster)  
**Ceilings (Wet)**

**PAINT FINISH:** Plascon Kitchens & Bathrooms **PRODUCT CODE: KBM 1**  
Premium quality water based enamel for high humidity unique Microshield inhibits microbial growth

**COLOUR:** White and Pastel colours

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	7
C3 -	Industrial	7
C5 -	Coastal / Marine	7

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/ DFT $\mu$ m (min & max)	Reducer/ Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103 -132 DFT 35 - 45	Min. Turps (AZH I)	16	T-16
<b>2<sup>nd</sup> Coat:</b> Plascon Kitchens & Bathrooms (KBM 1/ TMK 1000)	B, R or S	@ 45 $\mu$ m Theo – 9.5 Prac – 6.5	WFT 91 - 114 DFT 40 - 50	Water	2	KBM 1
<b>3<sup>rd</sup> Coat:</b> Plascon Kitchens & Bathrooms (KBM 1/ TMK 1000)	B, R or S	@ 45 $\mu$ m Theo – 9.5 Prac – 6.5	WFT 91 -114 DFT 40 - 50	Water	2	KBM 1

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## SPECIFICATION SHEET NO: 8 Continued

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### SURFACE PREPARATION:

- Ensure surfaces are dry, sound and free from surface contaminants, e.g. loose particles, dust, oil, etc.
  - Soft undercured surfaces may be restored to a sound surface with Plascon Bonding Liquid (CVI 14) thinned 20% by volume with Mineral Turpentine (AZH 1). Allow 16 hours to dry, but not more than 48 hours, before painting.
  - Make good defects using Plascon Polycell Polyfilla Interior (10 10 02) or Plascon Polycell Polyfilla Fine Crack Filler (11 18 01). Allow at least 30 minutes to dry and sand smooth with 220 grit paper and dust off.
- 

### APPLICATION:

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
  - Apply two full coats of Plascon Kitchens & Bathrooms (KBM 1/TKM 1000) to achieve complete obliteration, allowing 2 hours drying between coats.
- 

### TABLE 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.



**SPECIFICATION SHEET NO: 9**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – INTERIOR

**SUBSTRATE:** Wood  
**Doors**  
**Handrails**  
**Timber Shelves**  
**Fire Place**

**PAINT FINISH:** Plascon Woodcare Ultra Varnish **PRODUCT CODE: X33 /X44**  
(Smooth, solvent based, mar and stain resistant gloss or suede varnish)

**COLOUR:** Clear

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	5
C3 -	Industrial	5
C5 -	Coastal / Marine	5

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	DFT mm	Reducer/Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Plascon Woodcare Ultra Varnish (X 33 / X 44)	B or S	@ 30 µm Theo – 18 Prac – 10	WFT 33 - 67 DFT 15 - 30	Min. Turp. (AZH 1)	6	U-11
<b>2<sup>nd</sup> Coat:</b> Plascon Woodcare Ultra Varnish (X 33 / X 44)	B or S	@ 30 µm Theo – 18 Prac – 10	WFT 33 - 67 DFT 15 - 30	Min. Turp. (AZH 1)	6	U-11
<b>3<sup>rd</sup> Coat:</b> Plascon Woodcare Ultra Varnish (X 33 / X 44)	B or S	@ 30 µm Theo – 18 Prac – 10	WFT 33 - 67 DFT 15 - 30	Min. Turp. (AZH 1)	6	U-11

## SPECIFICATION SHEET NO: 9 Continued

### SURFACE PREPARATION:

- Ensure that surfaces are dry, sound and clean.
- Moisture content measured with a Doser Hygrometer BD2 scale A1-A5 (or equivalent), depending on the wood type, must be <14% before painting.
- Sand wood to a smooth finish with 150 grit paper in the direction of the grain. Sharp edges must be rounded off. Dust off. Ensure that sharp edges are well rounded.
- 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.
- **Stopping:** Fill holes and other surface imperfections with Plascon Woodstopping (BS) to match the colour of the wood. Allow 1 hour to dry and sand smooth in the direction of the wood grain. Dust off.

### APPLICATION:

#### Brush Application:

- Apply a first coat of Plascon Woodcare Ultra Varnish (X33/X44) thinned 20% with Mineral Turpentine (AZH 1) by volume. Allow 6 hours to dry. Sand lightly with 220 grit paper to denib. Remove dust.
- Apply two further coats of Plascon Woodcare Ultra Varnish (X33/X44) unthinned allowing 6 hours drying between coats. Also sand lightly between coats to denib and dust off.

#### Spray Application:

- Thin approximately 10% with Mineral Turpentine (AZH1) by volume.

### TABLE 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.

**SPECIFICATION SHEET NO: 10**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – INTERIOR

**SUBSTRATE:** Wood  
**Skirting Boards**  
**Trusses**  
**Window Frames**  
**Picture Rails**

**PAINT FINISH:** Plascon Water based Velvago (Smooth finish – Water based, premium non-drip satin enamel) **PRODUCT CODE: VLW**

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

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	12
C3 -	Industrial	10
C5 -	Coastal / Marine	10

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/DFT $\mu$ m (min – max)	Reducer/Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Professional Wood Primer (PP800)	B, R or S	@ 30 $\mu$ m Theo – 20 Prac – 11	WFT 42 - 58 DFT 25 - 35	Min. Turp (AZH 1)	16	A-52
<b>2<sup>nd</sup> Coat:</b> Plascon Water based Velvago, (VLW)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103-132 DFT 35-45	Water	4	
<b>3<sup>rd</sup> Coat:</b> Plascon Water based Velvago, (VLW)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103-132 DFT 35-45	Water	4	

## SPECIFICATION SHEET NO: 10 Continued

### SURFACE PREPARATION:

- Ensure that surfaces are dry, sound and clean.
- Moisture content measured with a Doser Hygrometer BD2 scale A1-A5 (or equivalent), depending on the wood type, must be <14% before painting.
- Sand wood to a smooth finish with 150 grit paper in the direction of the grain. Sharp edges must be rounded off. Dust off.
- Fill holes and other surface defects with Plascon Polyfilla Mendall 90 (80 16 01) working off smoothly while wet. Allow 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:

- Apply one coat of Plascon Wood Primer (PP800) to achieve a continuous film. Allow 16 hours to dry.
- Apply two full coats of Plascon Water based Velvagio Satin (VLW) to achieve complete obliteration, allowing 4 hours drying between coats.

### TABLE 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.

**SPECIFICATION SHEET NO: 11**

DATE: February 2016  
This supersedes all previous publications

**NEW WORK:** NEW WORK – INTERIOR

**SUBSTRATE:** Metals - Galvanized Iron  
**Window Frames**

**PAINT FINISH:** Plascon Water based Velvagio (Smooth finish – Water based, premium non-drip satin enamel) **PRODUCT CODE: VLW**

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

**ENVIRONMENT:** As per ISO 12944: Maintenance Cycle (Years)

C1 -	Inland	12
C3 -	Industrial	10
C5 -	Coastal / Marine	10

Plascon Coating System	Application Method	Spreading Rate, m <sup>2</sup>	WFT/DFT $\mu$ m (min-max)	Reducer/Cleaner	Overcoating time, h @23°C	Technical Data Sheet No:
<b>1<sup>st</sup> Coat:</b> Plascon Galvanized Iron Primer (GIP 1)	B, R or S	@ 30 $\mu$ m Theo – 13 Prac – 7	WFT 64 -102 DFT 25 - 40	Water	24	L-32
<b>2<sup>nd</sup> Coat:</b> Plascon Water based Velvagio, (VLW)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103-132 DFT 35-45	Water	4	
<b>3<sup>rd</sup> Coat:</b> Plascon Water based Velvagio, (VLW)	B, R or S	@ 40 $\mu$ m Theo – 8.5 Prac – 5	WFT 103-132 DFT 35-45	Water	4	

## SPECIFICATION SHEET NO: 11 Continued

### SURFACE PREPARATION:

- **Galvanized iron in good condition:**  
Apply Plascon Galvanized Iron Cleaner (GIC1) to all bare Galvanized areas by brush, broom or spray. Allow to react for 1 minute. Rinse off with tap water using bristle brooms or brushes or Scotch Brite pads to remove all surface contaminants. Check if surface is water break-free. If not, repeat process. Allow to dry completely.
- **Old Galvanized iron partially rusted:**  
Apply Plascon Galvanized Iron Cleaner (GIC1) to all bare Galvanized areas by brush, broom or spray. Allow to react for 1 minute. Rinse off with tap water using bristle brooms or brushes or Scotch Brite pads to remove all surface contaminants. Check if surface is water break-free. If not, repeat process. Allow to dry completely. Then mechanically wire brush or hand sand rust areas to bright metal. Remove dust. Spot prime areas where rust has been removed with Plascon Galvanized Iron Primer (GIP1). Allow 24 hour to dry.

### APPLICATION:

- Apply one coat of Plascon Galvanized Iron Primer (GIP1) to achieve a continuous film. Allow 24 hours to dry.
- Apply two full coats of Plascon Water based Velvagio Satin (VLW) to achieve complete obliteration, allowing 4 hours drying between coats.

### TABLE 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.