

SUPER ACRYLIC POLVIN

PRODUCT CODE: EPL Range & TAP Tint Bases

TECHNICAL DATA SHEET

Product Description	A superior water based quality acrylic emulsion paint.														
Intended Uses	<ul style="list-style-type: none"> Suitable for application to new primed cement plaster, concrete, porous brickwork and various types of building boards. May also be applied to suitably primed wood, metals, fibre-cement and gypsum plaster. For interior and exterior use 														
Features & Benefits	<ul style="list-style-type: none"> Ceramic technology with enhanced durability. Smooth matt finish High whiteness and hiding. Very good scrubability. Excellent spreadability with easy application by brush or roller. Low TVOC and lead free. 7 Year Quality Guarantee (Refer to T & C's at www.plascon.com). 														
Product Information	Appearance	Smooth matt													
	Colours	White (EPL 30) and a wide range of INSPIRED COLOUR tints													
	Tint Bases	Pastel (TAP 1010), Deep (TAP 2000), Transparent (TAP 3010) and Yellow (TAP 5010)													
	Generic type	Modified acrylic emulsion													
	Volume Solids	33 – 35 %.													
	Viscosity at 23 °C	90 KU (approx.)													
	Recommended DFT	25 – 35 µm.													
	Recommended WFT	74 – 103 µm													
	Theoretical spreading rate	11.3 m ² /L @ 30 µm DFT. This serves as a guide only.													
	Practical spreading rate	The practical spreading rate will vary depending on the pprofile of the substrate, as well as the application technique and tools used.													
	TVOC	<16 g/L for White Pastel, Deep and Transparent bases (tinted).													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.													
	Method	Brush, roller or airless spray.													
	Thinning	Not recommended													
	Cleaning	Water													
	Drying time	Touch dry: 30 min @ 23 °C Over coating: 1 h @ 23 °C													
	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 3 °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 3 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 1 L , 5 L, 10 L and 20 L														

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Surface Preparation	<p>Ensure that surfaces are dry, firm and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"> 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 entire area with PLASCON PLASTER PRIMER (UC 56) 1.2 Gypsum plaster, gypsum board, hardboard: Prime with PLASCON PLASTER PRIMER (UC 56) 1.3 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). 1.4 Mild steel: Degrease with AQUASOLV DEGREASER (GR 1) and rinse thoroughly with water until water runs freely off the surface. Remove any rust by wire brushing. Prime with PLASCON METALCARE MILD STEEL PRIMER (UC 501) 1.5 Galvanised steel: Clean with PLASCON METALCARE GALVANISED IRON CLEANER (GIC 1) and rinse thoroughly with water until water runs freely off the surface. Prime with PLASCON METALCARE GALVANISED IRON PRIMER (GIP 1). 2. PREVIOUSLY PAINTED SURFACES: 2.1 Previously painted surfaces in good condition: Remove loose and flaking paint by scraping and sanding. Clean with POLYCELL SUGAR SOAP POWDER solution to remove all contaminants and chalked material. Rinse well with clean water to remove all traces of SUGAR SOAP. Alternatively, clean with high pressure water jet. Spot prime bare areas with the appropriate primer. Sand glossy enamel surfaces to a matt finish and apply a 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. Proceed as for new work in point 1. 2.3 Chalky surfaces: Remove as much of the chalky surface as possible by scrubbing with a POLYCELL SUGAR SOAP solution. Rinse with clean water and allow to dry. Seal with PLASCON BONDING LIQUID (CVI 14) and allow to dry for 16 hrs.. 3. FILLING: Fill defects with appropriate POLYCELL FILLER and spot prime with PLASCON PLASTER PRIMER (UC 56). Fill wood defects with POLYCELL POLYFILLA MENDALL 90 and spot prime with PLASCON PLASTER PRIMER (UC 56).
Application	<ul style="list-style-type: none"> • Apply two or more coats to achieve complete obliteration. • 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	<ul style="list-style-type: none"> • Not recommended for areas where chemical resistance is required. • To ensure that colours on a project are consistent check that product code and batch numbers are the same • If applied over paintable but flexible sealants (typical with cornices and other joints) cracking of the coating may occur. Conduct a small test to ensure compatibility.
Tint Bases	<ul style="list-style-type: none"> • The tint base containers are under filled to levels which are specific for the tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation. • The tint base and the colourants are unfinished intermediate products which are not recommended for use individually. 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 SUPER ACRYLIC POLVIN. • Only colourants from the PLASCON INSPIRED COLOUR system are permitted for use when tinting
Tinting Procedure	<ul style="list-style-type: none"> • 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 SUPER ACRYLIC POLVIN WHITE (EPL 30), USE ONLY THE PRESCRIBED TINT BASE.

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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.
 - Refer to Safety Data Sheet for complete information.
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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.

KANSAI PLASCON (PTY) LIMITED

10 Frederick Cooper Drive,
Factoria, Krugersdorp
South Africa
1739.
Tel: +27 11 951 4500
Fax: +27 800 110 932

PLASCON ADVISORY SERVICE: 0860 20 40 60

EMAIL: advice@kansaiplascon.co.za

