

WALL & ALL

PRODUCT CODE: WAA Range & TWA Tint Base

TECHNICAL DATA SHEET

Product Description	Extremely durable, washable, pure acrylic emulsion sheen paint.														
Intended Uses	<ul style="list-style-type: none"> For application to suitably primed new and previously painted plaster, concrete, wood, various building boards and to suitably primed mild steel, galvanised steel and gypsum plaster. For exterior use 														
Features & Benefits	<ul style="list-style-type: none"> An attractive low sheen finish which has exceptional exterior durability. Alkali and water resistant Hero Ingredient: Unique Dirt Barrier formulation with unique polymer chemistry for the ultimate protection against dirt No added lead 12 Year Quality Guarantee. (Refer to terms & conditions at www.plascon.com) 														
Product Information	Appearance	Low sheen													
	Colours	White (WAA 1) and standard colours as per colour card													
	Tint Bases	Also available in a wide range of INSPIRED COLOUR tints: Pastel Tint Base (TWA 1000), Deep Tint Base (TWA 2000) and Transparent Tint Base (TWA 3010).													
	Generic type	Pure acrylic													
	Volume Solids	38%													
	Viscosity	85 – 90KU													
	Recommended DFT	25 – 35 µm per coat													
	Recommended WFT	66 – 92 µm per coat													
	Theoretical spreading rate	12.7 m ² /L per coat @ 30 µm DFT. This serves as a guide only													
	Practical spreading rate	The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.													
	TVOC	White: 13 g/L, Standard colours: 13-19 g/L, Tint bases: 13 g/L													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, roller or airless spray.													
	Thinning	Not recommended - Ready for use.													
	Cleaning	Water.													
	Drying time	Touch dry: 30 min @ 23 °C (50% RH) Over coating: 2 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 and 20 L														

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Surface Preparation	<p>Ensure that surfaces are clean, dry, firm and free from dust, dirt, grease and oil before painting. Maximum moisture content of substrates using a Doser Hygrometer should be equal to or less than: Cement Plaster – BD2 Scale < 8% Concrete – BD4 Scale < 5% Fibre cement – BD2 Scale < 8%</p> <p>NEW WORK:</p> <p>1. <u>Cement plaster, concrete and unglazed brickwork:</u> 1.1 Ensure that concrete has dried for at least four weeks and other masonry surfaces two weeks before painting. Remove any oil, grease and mould release agents with PLASCON AQUASOLV DEGREASER (GR 1). Rinse thoroughly. Prime entire area with with PLASCON PLASTER PRIMER (UC 56)</p> <p>1.2 <u>Fibre-cement:</u> Remove any loose particles by most suitable means. Apply 1 coat of PLASCON BONDING LIQUID (CVI 14). Allow to dry for 16 hours.</p> <p>1.3 <u>Gypsum plaster (e.g. Rhinolite, Cretestone):</u> Apply one coat of PLASCON PLASTER PRIMER (UC 56)</p> <p>1.4 <u>Wood:</u> 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 exterior wood with PLASCON WOOD PRIMER (UC 2).</p> <p>1.5 <u>Mild steel:</u> Degrease with PLASCON AQUASOLV DEGREASER (GR 1). Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding, or wire brushing. Prime general surfaces the same day with PLASCON METAL PRIMER (UC 501) or PLASCOSAFE 18 PRIMER (EMS 18) - use PLASCOPRIME 170 (UC 170) for structural steelwork.</p> <p>1.6 <u>Galvanised steel:</u> 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).</p> <p>1.7 <u>PVC gutters and down pipes:</u> Clean and sand lightly. Prime with PLASCON MULTI-SURFACE PRIMER (WUP 1).</p> <p>2 PREVIOUSLY PAINTED SURFACES:</p> <p>2.1. <u>Previously painted surfaces in good condition:</u> Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Clean with POLYCELL SUGAR SOAP POWDER solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of SUGAR SOAP. Alternatively, clean with high pressure water jet. Allow to dry. Sand glossy enamel surfaces to a matt finish to aid adhesion and dust off. Spot prime bare areas with appropriate primer.</p> <p>2.2 <u>Previously painted surfaces in poor condition:</u> Completely remove paint by most appropriate means e.g. scraping or coarse sanding. Wash thoroughly with POLYCELL SUGAR SOAP POWDER solution. Rinse with fresh water. Treat as for new work in point 1 above.</p> <p>2.3 <u>Chalky surfaces:</u> Scrub with a POLYCELL SUGAR SOAP solution & rinse with clean water. Apply PLASCON BONDING LIQUID (CVI 14) or PLASCON PLASTER PRIMER (UC 56). N.B. BONDING LIQUID must be allowed to dry for 16 hrs .</p> <p>3. FILLING: Fill defects with POLYCELL POLYFILLA MENDALL 90, POLYFILLA INTERIOR or EXTERIOR as appropriate. Spot prime filled areas with PLASCON PLASTER PRIMER (UC 56). Fill wood with POLYCELL POLYFILLA MENDALL 90 spot prime with PLASCON PLASTER PRIMER (UC 56).</p>
Application	<ul style="list-style-type: none"> • Apply two or more coats to correctly primed surfaces to achieve complete obliteration. Apply at recommended spreading rate. • 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"> • N.B. When applying tinted/standard colours to new masonry surfaces, prime first with the recommended primer. • Metal surfaces must be primed as recommended. • 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 and product codes are the same.

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Tint Bases	<ul style="list-style-type: none"> 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 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 WALL & ALL (WAA). 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 system, other suitable systems 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. UNDER NO CIRCUMSTANCES TINT COLOURS FROM WALL & ALL WHITE (WAA 1) - USE ONLY THE PRESCRIBED TINT BASES.
Safety Precautions	<ul style="list-style-type: none"> 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 Safety Data Sheet for complete information.

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.

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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