

## WALL & ALL

PRODUCT CODE: WAA Range & TWA Tint Base

### TECHNICAL DATA SHEET

|                                |  |   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|--------------------------------|--|---|---------------------|---------------------|-------------------|------------|------------|----------|------------------------------|--|--|------------|------------|-----------|
| <b>Product Description</b>     | WALL & ALL is extremely durable, washable, pure acrylic emulsion sheen paint for exterior use.   |   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Intended Uses</b>           | <ul style="list-style-type: none"> <li>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.</li> </ul>   |   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Features &amp; Benefits</b> | <ul style="list-style-type: none"> <li>An attractive suede sheen finish which has exceptional exterior durability.</li> <li>Extensive fade resistant colour range.</li> <li>It is alkali, mould and water resistant.</li> <li>Superior dirt resistance</li> <li><b>Hero Ingredient:</b> Unique Dirt Barrier formulation that protects exterior walls by inhibiting the growth of mould and fungus, plus delivers superior dirt resistance</li> <li>12 Year Quality Guarantee. (Refer to terms &amp; conditions at <a href="http://www.plascon.co.za">www.plascon.co.za</a>)</li> </ul> |   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Product Information</b>     | Appearance   | Suede sheen   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Colours  | White (WAA 1) and standard colours as per colour card<br>Also available in a wide range of <b>INSPIRED COLOUR</b> tints.  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Tint Bases   | Pastel Tint Base (TWA 1000), Deep Tint Base (TWA 2000) and Transparent Tint Base (TWA 3010).  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Generic type   | Pure acrylic  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Solids   | Approx. 47% by mass; 38% by volume  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | S G  | 1,25 (typical for White)  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Viscosity  | 85 – 90KU   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | VOC  | WAA 1 White: 13 g/ℓ, WAA Standard colours: 13-19 g/ℓ,<br>TWA Tint bases: 13 g/ℓ   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Flash point  | Non-flammable   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Theoretical spreading rate   | 13 m <sup>2</sup> /ℓ per coat @ 30 µm DFT. This serves as a guide only  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Practical spreading rate   | The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Application Details</b>     | Mixing   | Stir thoroughly with a flat paddle until homogeneous.   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Method   | Brush, roller or airless spray.   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Thinning   | Not recommended - Ready for use.  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Cleaning   | Water.  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Substrate  | Suitably primed, unpainted and painted concrete, cement plaster, brickwork, building boards, metal and gypsum plaster.  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Application Environment  | <table border="1"> <tr> <td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr> <tr> <td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr> <tr> <td colspan="3">or 2 °C min. above dew point</td></tr> <tr> <td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85 %</td></tr> </table> | Surface Temperature | Ambient Temperature | Relative Humidity | Min: 10 °C | Min: 10 °C | Min: 10% | or 2 °C min. above dew point |  |  | Max: 40 °C | Max: 40 °C | Max: 85 % |
| Surface Temperature            | Ambient Temperature  | Relative Humidity   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| Min: 10 °C                     | Min: 10 °C   | Min: 10%  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| or 2 °C min. above dew point   |  |   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| Max: 40 °C                     | Max: 40 °C   | Max: 85 %   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
|                                | Drying time  | Touch dry 30 Mins @ 23 °C (50% RH)<br>Dry to handle 2 h @ 23 °C<br>Overcoating 2 h @ 23 °C  |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Storage and Packaging</b>   | Store away from direct sun, heat and severe cold.<br>Shelf life: 2 years<br>Packaging: 1 ℓ, 5 ℓ and 20 ℓ   |   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |

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|                     |   |
|---------------------|---|
| Tint Bases          | <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of <b>WALL &amp; ALL (WAA)</b>.</li> <li><b>Only colourants from the Plascon INSPIRED COLOUR system are permitted for use when tinting.</b></li> </ul>   |
| Tinting Procedure   | <ul style="list-style-type: none"> <li>Select the required colour and reference no. from the <b>PLASCON INSPIRED COLOUR</b> system, other suitable systems or colour cards and locate the applicable formulation from the tables.</li> <li>Certain colour choices may require more than two coats to achieve full obliteration, (see computer formulations for details in remark column prior to tinting).</li> <li>Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation.</li> <li>Inject all required colourants, close container and shake on mechanical shaker for 5 minutes.</li> <li><b>UNDER NO CIRCUMSTANCES TINT COLOURS FROM WALL &amp; ALL WHITE (WAA 1) -USE ONLY THE PRESCRIBED TINT BASES.</b></li> </ul>   |
| Surface Preparation | <p>Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"> <li><b>NEW WORK</b> <ol style="list-style-type: none"> <li><b>Cement plaster, concrete and unglazed brickwork:</b> Ensure that concrete has dried for at least four weeks and other masonry surfaces two weeks before painting. Remove any loose particles and laitance by most suitable means. Remove any oil, grease and mould release agents with <b>PLASCON AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly. <b>N.B.</b> Soft, underbound, friable and highly porous surfaces must be restored to a sound condition with <b>PLASCON MULTI-SURFACE PRIMER (WUP 1)</b> or <b>PLASCON PLASTER PRIMER (UC 56)</b>.</li> <li><b>Fibre-cement:</b> Remove any loose particles and laitance by most suitable means. Apply 1 coat of <b>PLASCON BONDING LIQUID (CVI 14)</b>. Allow to dry for 16 hours. <b>N.B. BONDING LIQUID</b> must be overcoated within 3 days after application.</li> <li><b>Gypsum plaster (e.g. Rhinolite, Cretestone):</b> Apply one coat of <b>PLASCON PLASTER PRIMER (UC 56)</b>. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then these areas must be sealed with <b>PLASCON PLASTER PRIMER (UC 56)</b>.</li> <li><b>Wood:</b> Sand smooth with 150 grit paper working in the direction of the grain. Dust off. Seal knots and resinous areas with <b>PLASCON KNOT SEAL (PK 2)</b>. Prime exterior wood with <b>PLASCON WOOD PRIMER (UC 2)</b>.</li> <li><b>Mild steel:</b> Degrease with <b>PLASCON AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding, etc. or <b>PLASCON RUST REMOVER (RR 1)</b>. Prime general surfaces the same day with <b>PLASCON METAL PRIMER (UC 501)</b> or <b>PLASCOSAFE 18 PRIMER (EMS 18)</b> - use <b>ZINC PHOSPHATE PRIMER RED OXIDE (UC 207)</b> for structural steelwork.</li> <li><b>Galvanised steel:</b> Clean with <b>PLASCON GALVANISED IRON CLEANER (GIC 1)</b> to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with <b>PLASCON GALVANISED IRON PRIMER (GIP 1)</b>.</li> <li><b>PVC gutters and down pipes:</b> Clean and sand lightly.</li> </ol> </li> <li><b>PREVIOUSLY PAINTED SURFACES</b> <ol style="list-style-type: none"> <li><b>Previously painted surfaces in good condition:</b> Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with <b>POLYCELL SUGAR SOAP POWDER</b> solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of <b>SUGAR SOAP</b>. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish to aid adhesion.</li> <li><b>Chalky surfaces:</b> Remove completely by scraping, wire brushing, sandpapering, etc. to expose the underlying substrate. Apply <b>PLASCON BONDING LIQUID (CVI 14)</b> or <b>PLASCON PLASTER PRIMER (UC 56)</b> <b>N.B. BONDING LIQUID</b> must be allowed to dry for 16 hrs and overcoated within 3 days after application.</li> <li><b>Previously painted surfaces in poor condition:</b> Completely remove paint by most appropriate means or by stripping with <b>REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220)</b>. Treat as for new work.</li> </ol> </li> <li><b>FILLING:</b> <p>Fill defects with <b>POLYCELL POLYFILLA MENDALL 90</b>, <b>POLYFILLA INTERIOR</b> or <b>EXTERIOR</b> as appropriate. Seal <b>POLYFILLA EXTERIOR</b> with <b>PLASCON PLASTER PRIMER (UC 56)</b>. Fill wood with <b>POLYCELL POLYFILLA MENDALL 90</b> and seal with <b>PLASCON PLASTER PRIMER (UC 56)</b>.</p> </li> </ol> |

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|---------------------------|--|
| <b>Application</b>        | <ul style="list-style-type: none"> <li>• Apply two or three coats to correctly primed surfaces to achieve complete obliteration.</li> <li>• Apply at recommended spreading rate.</li> </ul>  |
| <b>Cautions</b>           | <ul style="list-style-type: none"> <li>• <b>N.B.</b> When applying <b>tinted/standard</b> colours to new masonry surfaces, prime first with the recommended primer, <b>White</b> may be applied directly.</li> <li>• Metal surfaces must be primed as recommended.</li> <li>• Avoid painting during inclement weather or if temperature is below 10 °C.</li> <li>• To ensure that colours on a project are consistent check that batch numbers are the same.</li> </ul>  |
| <b>Safety Precautions</b> | <ul style="list-style-type: none"> <li>• Keep out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• In case of skin contact, wash with soap and water or a recognised skin cleaner.</li> <li>• Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.</li> <li>• Harmful if swallowed. Do not induce vomiting. Seek medical attention.</li> <li>• Refer to Safety Data Sheet for complete information.</li> </ul> |

#### **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.

#### **KANSAI PLASCON (PTY) LIMITED**

##### **CAPE TOWN:**

P O Box 42  
Eppindust 7475  
Tel: (021) 505-2400  
Fax: (021) 534-3791

##### **DURBAN:**

Private Bag X16  
Mobeni 4060  
Tel: (031) 451-3200  
Fax: (031) 451-3411

##### **GAUTENG:**

P.O. Box 4010  
Luipaardsvlei 1743  
Tel: (011) 951-4500  
Fax: (011) 955-2841

##### **PORT ELIZABETH:**

P O Box 1594  
Port Elizabeth 6000  
Tel: (041) 401-1400  
Fax: (041) 453-4606

**PLASCON ADVISORY SERVICE: 0860 20 40 60**