

# CASHMERE

## PRODUCT CODE: CAS 1 & TCA Tint Bases

### TECHNICAL DATA SHEET

| <b>Product Description</b>     | CASHMERE is a low odour premium quality plush matt wall coating that is highly washable and stain resistant.  |  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|--------------------------------|---|--|--|---------------------|---------------------|-------------------|------------|------------|----------|------------------------------|--|--|------------|------------|----------|
| <b>Intended Uses</b>           | <ul style="list-style-type: none"> <li>For application to suitably primed new and old cement plaster walls, fibre-board, ceiling board, gypsum plaster, metal, wood, unglazed brick and hardboard.</li> <li>Ideal for bedrooms, passages, offices and public buildings where a hard wearing plush matt finish is required.</li> <li>Interior surfaces only.</li> </ul>  |  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
| <b>Features &amp; Benefits</b> | <ul style="list-style-type: none"> <li><b>Hero Ingredient:</b> Unique triple bead technology which diffuses more light thereby hiding imperfections and forming a protective barrier, which maintains an absolute matt finish over time, even with regular wiping</li> <li>Triple action bead technology:               <ol style="list-style-type: none"> <li>Plush matt finish.</li> <li>Hides plaster imperfections and wayward brush marks.</li> <li>Washable and stain resistant (does not burnish).</li> </ol> </li> <li><b>Silver protect technology</b> provides antibacterial (<i>Escherichia coli</i>, <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i>), yeast and fungal protection to the painted surfaces. This protection helps to maintain a hygienic environment by eliminating these microorganism within 24 hrs of contact.</li> <li>Low odour</li> <li>Hard wearing finish.</li> <li>Quick drying - 2 coats can be applied in one day.</li> <li>15 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  | Matt   |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Colours   | White (CAS 1)<br>Also available in a wide range of <b>INSPIRED COLOUR</b> tints  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Tint Bases:   | Pastel (TCA 1000) , Deep (TCA 2000) and Transparent ( TCA 3000)  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Generic type  | Acrylic emulsion   |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Solids  | Approx. 45 % by mass; 35 % by volume   |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | S G at 23°C   | Approx: 1,23 kg/ ℓ   |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Recommended DFT per coat  | Min: 20 µm µ Max: 35 µm  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | VOC   | 0 g/ℓ for White<br><16 g/ℓ for Pastel , Deep and Transparent bases tinted  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Flash point   | Non flammable  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Theoretical spreading rate  | 8-10m <sup>2</sup> /ℓ on a smooth surface. 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 spray.  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Thinning  | Not recommended - ready for use  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Cleaning  | Water  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | Substrate   | Cement plaster, concrete, fibre-cement, ceiling boards, gypsum plaster, metal, wood, unglazed brick and hardboard.   |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |
|                                | 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 2 °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 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 min @ 23 °C (50% Relative Humidity)<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. (250 ml Tester pots tint bases only)   |  |  |                     |                     |                   |            |            |          |                              |  |  |            |            |          |

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| <b>Tint Bases</b>          | <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 colour formulation.</li> <li>The tint bases and the colourants are unfinished 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>CASHMERE (CAS 1)</b>.</li> <li><b>Only colourants from the Plascon Inspired colour system are permitted for use when tinting.</b></li> </ul>  |
| <b>Tinting Procedure</b>   | <ul style="list-style-type: none"> <li>Select the required colour and reference no. from the <b>PLASCON INSPIRED COLOUR</b> fandeck, other suitable fandecks 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.<br/>Note: <b>UNDER NO CIRCUMSTANCES MUST COLOURS BE TINTED FROM CASHMERE WHITE (CAS 1) – USE ONLY THE PRESCRIBED BASES.</b></li> </ul>   |
| <b>Surface Preparation</b> | <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, unglazed brickwork, fibre-cement, ceiling boards:</b><br/>Remove any loose particles and laitance by most suitable means. Prime with <b>PLASCON PROFESSIONAL WATERBASED PLASTER PRIMER (PWP 750)</b> for interior walls or <b>PLASCON MULTI-SURFACE PRIMER (WUP 1)</b> or <b>PLASCON PLASTER PRIMER (UC 56)</b>.<br/><b>N.B.</b> Soft, underbound, friable and highly porous surfaces must be restored to a sound condition with <b>PLASCON PLASTER PRIMER (UC 56)</b> before painting.</li> <li><b>Gypsum plaster, gypsum board, hardboard:</b><br/>Prime with <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><br/>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 entire surface with <b>PLASCON WOOD PRIMER (UC 2)</b>.</li> <li><b>Mild steel:</b><br/>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>METALCARE MILD STEEL PRIMER (UC 501)</b> or <b>PLASCOSAFE 18 PRIMER (EMS 18)</b>. Use <b>PLASCOPRIME 170 (UC 170)</b> for structural steelwork.</li> <li><b>Galvanised steel:</b><br/>Clean with <b>METALCARE GALVANISED IRON CLEANER (GIC 1)</b> to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with <b>METALCARE GALVANISED IRON PRIMER (GIP 1)</b>.</li> </ol> </li> <li><b>PREVIOUSLY PAINTED SURFACES</b> <ol style="list-style-type: none"> <li><b>Previously painted surfaces in good condition:</b><br/>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. Rinse with clean water to remove all traces of <b>SUGAR SOAP</b>. Sand glossy enamel surfaces thoroughly to a matt finish, dust off and apply one coat of <b>PLASCON UNIVERSAL UNDERCOAT (UC 1)</b>.</li> <li><b>Previously painted surfaces in poor condition:</b><br/>Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with <b>REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220)</b> and treat as for new work.<br/><b>Chalky surfaces:</b> Remove as much of the chalky surface as possible. Seal with <b>PLASCON BONDING LIQUID (CVI 14)</b> and allow to dry for 16 hrs.</li> </ol> </li> <li><b>FILLING</b><br/>Fill defects with <b>POLYCELL POLYFILLA MENDALL 90, 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>.</li> </ol> |
| <b>Application</b>         | <ul style="list-style-type: none"> <li>Complete cutting in first, using a two coat application by brush or roller, then proceed painting the entire surface.</li> <li>Apply 2 coats of <b>CASHMERE</b> to prepared surfaces so as to achieve complete obliteration (but certain colours may require 3 coats).</li> </ul>   |

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|---------------------------|--|
| <b>Cautions</b>           | <ul style="list-style-type: none"> <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> <li>• High humidity will retard the drying and curing.</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 all 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.

**NB: TO ORDER: Quote product name, product code number, pack size 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 1745  
Tel: (011) 951-4500  
Fax: (011) 955-2841

**PORT ELIZABETH:**

P O Box 1594  
Port Elizabeth 6000  
Tel: (041) 401-1400  
Fax: (041) 453-4604

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