

## CASHMERE

PRODUCT CODE: CAS Range & TCA Tint Bases

TECHNICAL DATA SHEET

<b>Product Description</b>	<b>CASHMERE</b> 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 use on interior surfaces only.</li> <li>For application to suitably primed 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> </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 when washed with a soft cloth.</li> </ol> </li> <li>Low odour</li> <li>Hard wearing finish.</li> <li>Quick drying - 2 coats can be applied in one day.</li> <li>No added lead</li> <li>15 Year Quality Guarantee. (Refer to terms &amp; conditions at <a href="http://www.plascon.com">www.plascon.com</a>)</li> </ul>													
<b>Product Information</b>	Appearance	Matt												
	Colours	White (CAS 1). Also available in a wide range of standard colours												
	Tint Bases:	Pastel (TCA 1000) , Deep (TCA 2000) and Transparent ( TCA 3000)												
	Generic type	Acrylic emulsion												
	Volume Solids	35 %												
	S G at 23°C	Approx: 1,23 kg/L												
	Recommended DFT	25 – 35 µm per coat												
	Recommended WFT	71 – 100 µm per coat												
	Theoretical spreading rate	11.7 m <sup>2</sup> /L @ 30 µm on a smooth surface. 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	0 g/L for White <16 g/L for Pastel , Deep and Transparent bases tinted												
<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												
	Drying time	Touch dry: 30 min @ 23 °C (50% Relative Humidity) 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: 35 °C</td> <td>Max: 35 °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: 35 °C	Max: 35 °C	Max: 85 %
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Or 3 °C min. above dew point														
Max: 35 °C	Max: 35 °C	Max: 85 %												
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 1 L , 5 L and 20 L. (250 ml Tester pots tint bases only)													

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<b>Surface Preparation</b>	<p>Ensure that surfaces are dry, firm, and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"> <li>1. <b>NEW WORK:</b></li> <li>1.1 <b><u>Cement plaster, concrete, unglazed brickwork, fibre-cement, ceiling boards:</u></b> Remove any loose particles and laitance by most suitable means. Prime entire area <b>PLASCON PLASTER PRIMER (UC 56)</b>.</li> <li>1.2 <b><u>Gypsum plaster, gypsum board, hardboard:</u></b> Prime with <b>PLASCON PLASTER PRIMER (UC 56)</b>.</li> <li>1.3 <b><u>Wood:</u></b> Wash resinous areas with <b>LACQUER THINNERS (ILS 1)</b>. Sand smooth with 150 grit paper working in the direction of the grain, dust off. Seal knots with <b>PLASCON KNOT SEAL (PK 2)</b>. Prime entire surface with <b>PLASCON WOOD PRIMER (UC 2)</b>.</li> <li>1.4 <b><u>Mild steel:</u></b> Degrease with <b>PLASCON AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding, etc. Prime general surfaces the same day with <b>METALCARE MILD STEEL PRIMER (UC 501)</b> or <b>PLASCOSAFE 18 PRIMER (EMS 18)</b>.</li> <li>1.5 <b><u>Galvanised steel:</u></b> Clean with <b>METALCARE GALVANISED IRON CLEANER (GIC 1)</b>. Rinse thoroughly with water until a water break free surface is obtained. Prime the same day with <b>METALCARE GALVANISED IRON PRIMER (GIP 1)</b>.</li> <li>2. <b>PREVIOUSLY PAINTED SURFACES:</b></li> <li>2.1 <b><u>Previously painted surfaces in good condition:</u></b> Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. 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>. Spot prime bare areas with appropriate primer. 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>2.2 <b><u>Previously painted surfaces in poor condition:</u></b> Completely remove paint by most appropriate means e.g. scraping or coarse sanding. Clean with <b>POLYCELL SUGAR SOAP</b> solution, rinse with water and allow to dry. Proceed as for <b>new work</b> in point 1 above.</li> <li>2.3 <b><u>Chalky surfaces:</u></b> Remove as much of the chalky surface as possible by scrubbing with a <b>POLYCELL SUGAR SOAP</b> solution. Rinse with clean water and allow to dry. Seal with <b>PLASCON BONDING LIQUID (CVI 14)</b> and allow to dry for 16 hrs..</li> <li>4. <b>FILLING:</b> Fill defects with appropriate <b>POLYCELL FILLER</b> and spot prime with <b>PLASCON PLASTER PRIMER (UC 56)</b>. Fill wood defects with <b>POLYCELL POLYFILLA MENDALL 90</b> and spot prime with <b>PLASCON PLASTER PRIMER (UC 56)</b>.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Complete cutting in on wall to be painted first, using a two coat application by brush or roller, then proceed painting the entire surface.</li> <li>• 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.</li> <li>• Apply 2 or more coats of <b>CASHMERE</b> to prepared surfaces so as to achieve complete obliteration.</li> </ul>
<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 product codes and batch numbers are the same.</li> <li>• High humidity will retard the drying and curing.</li> <li>• Do not use abrasive cleaning agents or cloths when washing.</li> </ul>
<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>

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<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.</li> <li>• Note: <b>UNDER NO CIRCUMSTANCES MUST COLOURS BE TINTED FROM CASHMERE WHITE (CAS 1) – USE ONLY THE PRESCRIBED BASES.</b></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.**

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