

## PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE

PRODUCT CODE: PTX 1002 & TTX Tint Bases

TECHNICAL DATA SHEET

<b>Product Description</b>	A 2mm High Build Floating Stone (Scratch Textured Finish) coating, vertical and swirl finishes.													
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Interior and exterior use.</li> <li>Used as a finishing coat on suitably primed new or previously painted cement plaster, concrete, masonry and gypsum plaster.</li> <li>Also suitable for fibre-cement, chipboard and hardboard.</li> </ul>													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Decorative finish.</li> <li>Protects exterior surfaces against breakdown caused by harsh climatic conditions.</li> <li>Improves water resistance of walls.</li> <li>Reinforced with carefully graded aggregates of mica and mineral quartz for long lasting protection durability and toughness.</li> <li><b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> not only protects, but its texture also hides minor surface irregularities and disguises repaired areas.</li> </ul>													
<b>Product Information</b>	Appearance	Matt												
	Colours	White (PTX 1002)												
	Tint bases	Pastel (TTX 1002) and Deep (TTX 2002)												
	Generic type	Acrylic emulsion												
	Solids	Approx. 80% by mass; 67m% by volume												
	Viscosity at 23 °C	>140PP												
	Recommended DFT	2000 µm												
	Recommended WFT	2985 µm												
	Theoretical spreading rate	5.1 kg/m <sup>2</sup> @ 2mm DFT. This serves as a guide only												
	Practical spreading rate	The practical spreading rate will vary depending on the porosity of the substrate, as well the application technique and tools used.												
	TVOC	<25 g/ L												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Steel trowel: Float with a Plastic trowel during open time to create swirl or vertical scratch texture finishes.												
	Thinning	Not recommended-Ready for use.												
	Cleaning	Water												
	Drying time	Touch dry: 24 h @ 23 °C Over coating: 48 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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<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 30 kg													
<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 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>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b>.</li> <li>NB: Only colourants from the <b>PLASCON INSPIRED COLOUR</b> system are permitted for use when tinting.</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>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 remarks column prior to tinting)</li> <li>Select the required 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 TINT COLOURS FROM PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE WHITE- USE ONLY PRESCRIBED TINT 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><u>Cement plaster and concrete:</u></b> Ensure that concrete has dried for at least four weeks and other masonry surfaces for two weeks before painting. Remove any loose particles and laitance by most suitable means. Remove oil, grease and mould release agents with <b>PLASCON AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly.</li> <li><b><u>Fibre-cement:</u></b> Remove any loose particles by suitable means. Apply 1 coat of <b>PLASCON BONDING LIQUID (CVI 14)</b>. Allow to dry for 16 h.</li> </ol> </li> <li><b>PREVIOUSLY PAINTED SURFACES</b> <ol style="list-style-type: none"> <li><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 down with <b>POLYCELL SUGAR SOAP POWDER CLEANER</b> solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Spot prime bare areas with appropriate primer.</li> <li><b><u>Previously painted surfaces in poor condition (e.g. extensive peeling):</u></b> Completely remove paint by most appropriate means e.g. hydro blasting, scraping, coarse sanding. Wash thoroughly with <b>POLYCELL SUGAR SOAP</b>. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Treat as for new work.</li> <li><b><u>Chalky surfaces:</u></b> Remove chalky surfaces using <b>POLYCELL SUGAR SOAP POWDER</b> solution, scrub and rinse. Tape test for chalkiness. Apply <b>PLASCON BONDING LIQUID (CVI 14)</b> or <b>PROFESSIONAL GYPSUM &amp; PLASTER PRIMER (PP 700)</b>. <b>N.B. BONDING LIQUID (CVI 14) or PROFESSIONAL GYPSUM &amp; PLASTER PRIMER (PP 700) must be allowed to dry for 16 hrs.</b></li> </ol> </li> <li><b>FILLING</b> Fill all imperfections with <b>POLYCELL MENDALL 90</b>. Sand then seal <b>POLYCELL MENDALL 90</b> with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>Apply by steel trowel at spreading rate of 5.1 kg/m<sup>2</sup> <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b>. The open time of this product is between 10 and 20 minutes depending on ambient temperatures.</li> <li>During open time, the surface must be floated using a plastic trowel to create a vertical or swirl pattern. The floating stone creates the sharp Alpine-scratch finish.</li> <li>A wet edge must be maintained at all times corner to corner to avoid a joined or patchy finish. 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>A minimum of 4 hours @ 23 °C is required to ensure the product is rain proof.</li> <li>Should mechanical damage occur the <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> is used to conduct a patch repair to achieve a uniformed profile but must then be finished corner to corner with <b>PROFESSIONAL SUPERIOR MATT (PEM 950)</b> to maintain aesthetics.</li> <li>To ensure colour consistency apply 1 full coat <b>PROFESSIONAL SUPER MATT (PEM 900) WHITE</b> or <b>(TSA) tint bases pastel or deep</b> to match the topcoat colour. Allow 2 h to dry.</li> <li><b>IMPORTANT:</b> All substrates must be dry before painting When measured using a Doser Hygrometer B2 scale, &lt; 8 % moisture content on plaster B4 scale and &lt;5 % moisture content on concrete.</li> <li>If scaffolding is being used, be sure to leave enough space between the scaffold and the wall to ensure easy application. It is advisable to work down an elevation, removing scaffolding in layers. Applicators should also be continually aware of dust from site works, from debris thrown from above and from scaffold strippers, to ensure that the product is not contaminated.</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> </ul>

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<b>Application continued</b>	<ul style="list-style-type: none"> <li>• <b>Ordering PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE:</b> Before ordering, an on-site sample of at least 3m<sup>2</sup> must be applied by a skilled applicator and approved by the Specifier. <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> is ordered by weight and not volume (30 kg <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> is supplied in a 20 L bucket). It is also important to be sure that the total amount required be ordered at once. This will ensure uniformity of material, etc. Depending on quarry procedures, variations in stone are possible.</li> <li>• <b>Working with or without panels:</b> When panels are not evident, vertical joints should be made by taping off the vertical line and working up to this point. After the material has dried, the tape can be removed and worked to from the other side. Horizontal joints should be made by leaving a clear line, or else, the entire height of the building should be done in continuous application. The recommended maximum panel size is 3m<sup>2</sup>. Take note that the paneling done at the outset of <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> job will determine its success, and the assistance of a skilled applicator is recommended when planning <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> application.</li> </ul>
<b>Cautions</b>	<ul style="list-style-type: none"> <li>• N.B When applying tinted/standard colours to new masonry surfaces, prime first with the recommended Primer.</li> <li>• Avoid painting during inclement weather or if temperature is below 10°C.</li> <li>• Not recommended to be applied to horizontal surfaces.</li> <li>• To ensure that colours on a project are consistent, check that batch numbers and product codes are the same. Ensure that enough quantities are ordered for the project as batch to batch variations may occur. If not possible then work to natural cut off points.</li> <li>• <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> should not be applied to very rough or uneven surfaces or very poor wood floated plaster.</li> <li>• Guidelines on use of colour: It is important to note that <b>PROFESSIONAL MARROCA HEAVY TEXTURE 2mm STONE</b> is made using natural sand; accordingly, very 'clean' colours will show evidence of some grey discoloration.</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 when applied interior.</li> <li>• In case of skin contact, wash with soap and water or a recognized 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.

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](mailto:advice@kansaiplascon.co.za)