

# MULTISEAL

PRODUCT CODE: WSS 2

## TECHNICAL DATA SHEET

<b>Product Description</b>	PLASCON MULTISEAL is a membrane-free waterproofing system														
<b>Intended uses</b>	<ul style="list-style-type: none"> <li>Suitable for use on primed galvanised roofs, concrete, parapets, flashings, vertical walls, cementitious tiles, non-traffic flat roofs and for intricate waterproofing tasks.</li> </ul>														
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Hard wearing and flexible.</li> <li>Very good resistance to abrasion, impact and stone chipping.</li> <li>Resistant to diesel, oil, petrol, dilute hydrochloric and sulphuric acid spillage.</li> <li>Excellent resistance to water and marine environments.</li> <li>May be overcoated by itself or acrylic emulsions.</li> <li>Bridges small plaster cracks as well as repaired plaster cracks.</li> </ul>														
<b>Product Information</b>	Appearance	Low sheen													
	Colour	Off-white													
	Solids	Approx. 63 % by mass; 50 % by volume													
	Recommended DFT	200 – 1000 µm													
	Viscosity	130 KU													
	S G	1,19 kg/ℓ (typical)													
	Flash Point	Non flammable													
	Theoretical spreading rate	1,7 m <sup>2</sup> /ℓ @ 300 µm DFT													
	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.													
	VOC	7 g/ ℓ													
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogenous.													
	Method	Brush, roller or trowel. Brush: Use product un-thinned. Roller: Thin product 5% with water and use a medium pile roller. Whilst still wet, smooth stipples using a wet brush. (Apply at 400-600 µm WFT per coat)													
	Substrate	Correctly prepared cleaned and primed substrates.													
	Thinning	Ready for use by brush. Thin 5% for roller application.													
	Cleaning	Water													
	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 %
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	<b>Drying time</b>	Overcoating	4 h @ 23 °C												
		Dry to handle	4 h @ 23 °C												
		Before use	6 h @ 23 °C min.												
			48 h @ 23 °C min. for working areas.												
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 1 ℓ and 5 ℓ.														

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<b>Surface Preparation</b>	<p>Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting. Particular care must be taken in cleaning galvanised, recessed and rusted areas.</p> <ol style="list-style-type: none"> <li>1. <b>NEW WORK</b> <ol style="list-style-type: none"> <li>1.1 <b>Cement plaster, concrete and porous brickwork:</b> Remove any loose particles and laitance by most suitable means and paint directly. NB. Soft underbound, friable and highly porous surfaces must be restored to a sound condition with <b>PLASCON PLASTER PRIMER (UC 56)</b> or <b>BONDING LIQUID (CV1 14)</b>.</li> <li>1.2 <b>Gypsum plaster (e.g. Rhinolite, Crestone), brickwork stone work:</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 seal these areas with <b>PLASCON PLASTER PRIMER (UC 56)</b></li> <li>1.3 <b>Fibre cement board:</b> prime with <b>BONDING LIQUID (CV1 14)</b>.</li> <li>1.4 <b>Wood:</b> Sand to a smooth finish and dust off. Seal knots and resinous areas with <b>KNOT SEAL (PK 2)</b>. Prime with <b>PLASCON WOOD PRIMER (UC 2)</b>.</li> <li>1.5 <b>Mild Steel:</b> Degrease with <b>AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly with water. Remove any rust by course sanding, mechanical grinding etc. or <b>REMOVAL RUST REMOVER &amp; CONCRETE ETCHER (RCC 120)</b>. Prime general surfaces the same day with <b>ZINC PHOSPHATE PRIMER (UC 170)</b> or <b>PLASCOSAFE 18 PRIMER (EMS 18)</b> followed by <b>PLASCON UNIVERSAL UNDERCOAT (UC 1)</b>.</li> <li>1.6 <b>Galvanised steel:</b> Clean with <b>GALVANISED IRON CLEANER (GIC 1)</b> to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with <b>PLASCOSAFE 18 PRIMER (EMS 18)</b>.</li> </ol> </li> <li>2. <b>PREVIOUSLY PAINTED SURFACES</b> <ol style="list-style-type: none"> <li>2.1 <b>Previously painted surfaces in sound 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 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. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish and apply one coat of <b>PLASCON UNIVERSAL UNDERCOAT (UC 1)</b>.</li> <li>2.2 <b>Previously painted surfaces in poor condition:</b> Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with <b>REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220)</b> Wash thoroughly with <b>POLYCELL SUGAR SOAP</b>. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating.</li> </ol> </li> <li>3. <b>FILLING &amp; CRACK REPAIR</b> Fill all imperfections with <b>POLYCELL MENDALL 90</b> and spot prime filled areas with <b>PLASCON PLASTER PRIMER (UC 56)</b>. Repair cracks: &lt;4mm using <b>POLYCELL MENDALL 90</b>, &gt;4mm using <b>POLYCELL MASONRY PATCHING PLASTER</b>. Prime repaired cracks using <b>PLASCON PLASTER PRIMER (UC 56)</b>.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply multiple coats by brush or roller building up to a total thickness of 1 000 µm, allowing at least 4 hours drying between coats.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>• High humidity and low temperatures will retard drying.</li> <li>• Do not apply on bituminous surfaces.</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, packaging and colour.**

**KANSAI PLASCON (PTY) LIMITED**

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