

# PLASCON CONCRETE FLOOR PREP

PRODUCT CODE: FCS 1

## TECHNICAL DATA SHEET

<b>Product Description</b>	PLASCON CONCRETE FLOOR PREP (FCS 1) is a matt, inorganic, water-based ultra-durable preparation coat.											
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Use as an adhesion promoter for cementitious, brick and stone floor surfaces.</li> </ul>											
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>High strength bonding between cementitious substrate and Floor Paint</li> <li>Good water resistance after complete curing</li> <li>Excellent solvent resistance</li> <li>VOC free</li> <li>Odourless</li> </ul>											
<b>Product Information</b>	Appearance	Clear finish										
	Colour	White (in can)										
	Generic type	Inorganic										
	Solids	15% by volume										
	Viscosity at 23 °C	50 – 60 KU										
	Recommended DFT	12 – 18 µm per coat										
	Recommended WFT	80 – 120 µm per coat										
	Theoretical spreading rate	10 m <sup>2</sup> /L @ 15 µm DFT										
	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.										
	VOC	0 g/L										
<b>Application Details</b>	Mixing	Stir thoroughly with a flat wooden, plastic or stainless steel paddle. <b>Caution – do not use aluminium paddle.</b>										
	Method	Brush or Sheepskin roller										
	Thinning	Not recommended, ready for use										
	Cleaning	Water										
	Drying time	Touch dry: 2 h @ 23 °C Over coating 8 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>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%	Max: 35 °C	Max: 35 °C	Max: 85%	
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Min: 10 °C	Min: 10 °C	Min: 10%										
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<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 5L											
<b>Surface Preparation</b>	<p>To obtain the best performance the surface must be prepared correctly before application. Allow new concrete to cure for at least 4 weeks before painting. Concrete must be thoroughly cleaned before painting.</p> <p><b>1. SMOOTH CONCRETE (unpainted):</b> For all smooth surfaces apply one coat of <b>PLASCON CONCRETE FLOOR PREP (FCS 1)</b>. Allow the surface to dry for 8 hours before applying paint.</p> <p><b>2. CONCRETE SURFACES (Unpainted e.g. wood floated):</b> Degrease the surface to remove oil, grease and other contaminants by using <b>PLASCON AQUASOLV DEGREASER (GR1)</b>. Allow to react for 20 minutes then rinse thoroughly with fresh water using a bristle broom to remove <b>AQUASOLV</b> and all contaminants. Allow to dry for 48 hours. Apply one coat <b>PLASCON CONCRETE FLOOR PREP (FCS 1)</b>. Allow to dry for 8 hours before applying paint.</p> <p><b>3. CONCRETE SURFACES (Previously painted with water based paint):</b> Completely strip faulty or peeling paint. Remove all contaminants such as dirt, grease, oil, dust, etc. Sand smooth or glossy surfaces to improve adhesion. Clean thoroughly with <b>POLYCELL SUGAR SOAP POWDER</b> solution using a scrubbing brush. Rinse thoroughly with water and allow to dry.</p>											

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<b>Application</b>	<ul style="list-style-type: none"> <li>Apply one coat by brush or roller, allow 8 hours to dry</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>Avoid painting if rain is expected. In the event of unexpected showers immediately cover all freshly painted areas with polythene sheeting.</li> <li>Avoid painting if temperature is below 10 °C.</li> <li>Great care should be taken not to paint glass, aluminium window and door frames and other metal surfaces with <b>PLASCON CONCRETE FLOOR PREP (FCS 1)</b>. Splashes should be wiped off immediately with water.</li> <li>Do not paint any surfaces other than raw substrates as given in '<b>Application Details</b>' section of this Technical Data Sheet.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>Skin contact should be strictly avoided. Wear gloves, safety shoes and eye protection.</li> <li>Keep out of reach of children.</li> <li>Do not pour paint down the drain.</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.

**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.

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