KANSAI PLASCON

MULTISEAL

PRODUCT CODE: WSS 2

TECHNICAL DATA SHEET

Product Description	PLASCON MULTISEAL is a membrane-free waterproofing system
Intended uses	• Suitable for use on primed galvanised roofs, concrete, parapets, plaster bands, flashings, vertical walls, cementitious tiles, non-traffic flat roofs and for intricate waterproofing tasks.
Features & Benefits	• Hard wearing and flexible. • Very good resistance to abrasion, impact and stone chipping. • Resistant to diesel, oil, petrol, dilute hydrochloric and sulphuric acid spillage. • Excellent resistance to water and marine environments. • May be overcoated by itself or acrylic emulsions. • Bridges small plaster cracks as well as repaired plaster cracks.

Product Information		
	Appearance	Low sheen
	Colour	Off-white
	Solids	50 % by volume
	Viscosity	130 KU
	Recommended DFT	Brush/roller: 200 – 300 μm, Trowel: 1000 μm
	Recommended WFT	Brush/roller 400 – 600 μm, Trowel: 2000 μm
	Theoretical spreading rate	2 m²/L @ 250 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	10 g/ L

Application Details		
	Mixing	Stir thoroughly with a flat paddle until homogenous.
	Method	Brush, roller or trowel.
	Thinning	Trowel: Use product un-thinned. Brush/Roller: Thin product 5% with water
	Cleaning	Water
	Drying time	Touch dry: 1 h @ 23 °C Over coating: 4 h @ 23 °C

	Application Environment	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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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5 L.

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Surface Preparation	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. 1. **NEW WORK** 1.1 *Cement plaster, concrete and porous brickwork:* Remove any loose particles and laitance by most suitable means and prime with **PLASCON PLASTER PRIMER (UC 56)** NB. Soft under bound, friable and highly porous surfaces must be restored to a sound condition with **PLASCON PLASTER PRIMER (UC 56)** or **BONDING LIQUID (CVI 14).** 1.2 *Fibre cement board:* Prime with **BONDING LIQUID (CV1 14).** 1.3 *Mild Steel:* Degrease with **AQUASOLV DEGREASER (GR 1).** Rinse thoroughly with water. Remove any rust by course sanding, mechanical grinding etc**.** Prime general surfaces the same day with **ZINC PHOSPHATE PRIMER (UC 170)** or **PLASCOSAFE 18 PRIMER (EMS 18).** 1.4 *Galvanised steel:* Clean with **GALVANISED IRON CLEANER (GIC 1)** to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with **PLASCOSAFE 18 PRIMER (EMS 18)** or **METALCARE GALVANISED IRON PRIMER (GIP 1)** 2. **PREVIOUSLY PAINTED SURFACES** 2.1 *Previously painted surfaces in good condition:* 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 **POLYCELL SUGAR SOAP** 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 **PLASCON UNIVERSAL UNDERCOAT (UC 1).** 2.2 *Previously painted surfaces in poor condition:* Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping. Wash thoroughly with **POLYCELL SUGAR SOAP.** 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. 3. **FILLING & CRACK REPAIR** Fill all imperfections with **POLYCELL MENDALL 90** and spot prime filled areas with **PLASCON PLASTER PRIMER (UC 56).** Repair cracks: <4mm using **POLYCELL MENDALL 90** and cracks >4mm using **POLYCELL MASONRY PATCHING PLASTER**. Prime repaired cracks using **PLASCON PLASTER PRIMER (UC 56).**
Application	• Apply multiple coats as needed. • Thin 5% with water for application by brush or medium pile roller, (Apply at 400-600 µm WFT per coat). Whilst wet smooth out any texture or stipple and taper the edges using a water wet brush. Should this not be done, the profile of the **MULTISEAL (WSS 2)** will be visible. • Trowel: Apply product un-thinned up to 2000 µm WFT
Caution	• High humidity and low temperatures will retard drying.
Safety Precautions	• Keep out of reach of children. • Ensure good ventilation during application and drying. • In case of skin contact, wash with soap and water or a recognised skin cleaner. • Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. • Harmful if swallowed. Do not induce vomiting. Seek medical attention. • Refer to Safety Data Sheet for complete information.

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.

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