



PLASCON ROOFSEAL

PRODUCT DATA SHEET NO.:

L-85-G

DATE:

OCTOBER 2005

PRODUCT CODE: WRS 1-5

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	PLASCON ROOFSEAL is a durable pure acrylic emulsion paint with exceptional flexibility and waterproofing properties.		
Intended uses	<ul style="list-style-type: none"> • PLASCON ROOFSEAL is used as a weatherproofing and waterproofing coating for roofs and external concrete and cement plastered or bagged walls. • It is also used with a polyester membrane or glass-fibre tissue as a superior waterproofing or crack sealing system on parapets, flashings, roofs and cracked walls. 		
Features	<ul style="list-style-type: none"> • PLASCON ROOFSEAL has low water absorption to prevent the ingress of moisture and as a result has improved waterproofing properties when compared to a normal acrylic coating. • Its excellent flexibility allows it to expand and contract over cracked surfaces. • Very good UV-resistance and low dirt pick-up. 		
Product Information	Appearance	Low sheen	
	Colours	Green	WRS 5
		White	WRS 4
		Tile Red	WRS 3
		Slate Grey	WRS 2
		Charcoal	WRS 1
	Solids	Approx. 52 % by mass (typical); 40 % by volume	
	Recommended DFT per coat	With membrane	130 - 200 µm
		Without membrane	80 - 100 µm
	Theoretical spreading rate per coat	With membrane	2 m ² /ℓ at 200 µm DFT
		Without membrane	4 m ² /ℓ at 100 µm DFT
	Viscosity at 23 °C	120 - 125 KU	
	S G at 23 °C	1,22 kg / ℓ (typical)	
	Flash Point	>65 °C	
Application Details	Mixing	Stir thoroughly with a flat paddle until homogenous before use.	
	Method	Brush, roller or spray.	
	Substrate	Thoroughly cleaned fibre-cement roof cladding, or cement roof tiles, suitably primed galvanised iron and cement plaster.	
	Thinning	Not normally recommended for brush and roller application to sealed surfaces. For spray application thin with a minimum amount of water to achieve good atomisation.	
	Cleaning	Water	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 5 °C
		or 2 °C min. above dew point	
		Max.: 40 °C	Max.: 40 °C
			Relative Humidity
			-
			Max.: 85 %
	Drying time	Touch dry	1 h at 23 °C
		Recoating	2 h at 23 °C
		Dry to handle	4 h at 23 °C
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 1 ℓ and 5 ℓ.		
Transportation	This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)		

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Surface Preparation

- Ensure that surfaces are dry, free from dirt, grease and oil and loose and flaking paint. Remove any fungi and algae with household bleach (3,5 % sodium hypochlorite solution) and rinse thoroughly with water.
- 1. **POROUS CEMENT PLASTER, CONCRETE, FIBRE-CEMENT AND OTHER MASONRY SURFACES**
Open any cracks (other than hairline cracks) into a V-shape and remove dust. Apply one coat of **PLASCON PLASTER PRIMER (UC 56)**. Fill cracks and other defects with **MENDALL 90 ALL PURPOSE ADHESIVE FILLER**.
- 2. **CEMENT ROOF TILES** remove loose and flaking material back to a sound substrate. No further priming necessary.
- 3. **NEW OR WEATHERED GALVANISED IRON**
Clean with **GALVANISED IRON CLEANER (GIC 1)** and rinse thoroughly with water to achieve a water break-free surface. Remove any red rust with scouring pads or sanding back to bright metal. Spot prime areas where rust has been removed with **PLASCOSAFE 18 PRIMER (EMS 18)** – see Product Data Sheet for application details. Prime the entire surface with **PLASCOSAFE 18 PRIMER (EMS 18)** or **GALVANISED IRON PRIMER (GIP 1)**.
- 4. **MILD STEEL**
Degrease with **AQUASOLV DEGREASER (GR 1)** and rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding or with **RUST REMOVER (RR 1)**. Prime surfaces with **MULTI-SURFACE PRIMER (WUP 1)**. **N.B.:** Millscale must be removed by abrasive blasting or mechanical grinding before coating.
- 5. **PREVIOUSLY PAINTED SURFACES IN GOOD CONDITION**
Remove any loose and flaking paint, clean and spot prime bare areas with the appropriate primer. Clean paintwork with **POLYCELL SUGAR SOAP POWDER CLEANER** and rinse thoroughly. Alternatively, clean with high pressure water jet. Sand glossy paint areas to a matt finish.

Application

1. **WHEN USED AS A WALL COATING**
 - Apply two coats **PLASCON ROOFSEAL** unthinned at an average spreading rate of 4 - 5 m²/ ℓ per coat. Allow at least two hours drying between coats.
2. **WATERPROOFING AND CRACK SEALING WITH MEMBRANE**
 - To all primed and sealed surfaces apply a full coat of **PLASCON ROOFSEAL** unthinned at approximately 2 m²ℓ. Immediately embed the polyester membrane into the wet coating ensuring that the membrane is thoroughly saturated by the coating. Before this coat is completely dry apply a further coat of **PLASCON ROOFSEAL** to completely cover the membrane. Allow to dry and finish with a final coat of **PLASCON ROOFSEAL**.

Caution

NOT suitable to seal concrete dams or ponds or where exposed to continuous immersion in water.

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. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.
- Refer to Material 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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