



**Barloworld**  
Plascon South Africa

## MULTISEAL

TECHNICAL DATA SHEET NO.: **M-83-F**  
DATE: **OCTOBER 2005**

**PRODUCT CODE: WSS 2** THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

<b>Product Description</b>	<b>PLASCON MULTISEAL</b> 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</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 and petrol and dilute hydrochloric and sulphuric acids.</li><li>• Excellent resistance to water and marine environments.</li><li>• May be overcoated by itself or alkyd.</li></ul>		
<b>Product Information</b>	Appearance	Low sheen	
	Colour	Off-white	
	Solids	Approx. 58 % by mass; 50 % by volume	
	Recommended DFT	Min: 2 mm; Max 5 mm	
	Typical spreading rate	Please apply appropriate correction factors	
	Theoretical spreading rate	2,5 m <sup>2</sup> / ℓ at 1mm DFT	
	Viscosity at 23 °C	130 KU (Kreb Stormer units)	
	S G at 23 °C	1,19 kg/ℓ (typical)	
	Flash Point	>65°C	
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogenous before use.	
	Method	Brush or trowel.	
	Substrate	Correctly prepared and cleaned substrates.	
	Thinning	<b>N.B.</b> Over thinning may induce mud-cracking	
	Cleaning	Water	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 10 °C	Min.: 10 °C
		or 2 °C min. above dew point	
		Max.: 45 °C	Max.: 40 °C
		Max.: 85 %	
	Drying time	<ul style="list-style-type: none"><li>• Recoating</li><li>• Dry to handle</li><li>• Before use</li></ul>	4 h at 23 °C 4 h at 23 °C 6 h at 23 °C min. 48 h at 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.		
<b>Transportation</b>	This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).		

## MULTISEAL

### Surface Preparation

- All surfaces must be clean, firm and dry before painting.
- Particular care must be taken in cleaning galvanised, recessed and rusted areas.
- Steel and galvanised surfaces must be primed before application of **MULTISEAL**.

#### Galvanised and steel substrates :

- Remove any loose and flaking paint by scraping, sanding, etc.
- Degrease all surfaces with **PLASCON AQUASOLV DEGREASER (GR 1)** to remove all traces of grease, oil, tar, saline deposits and any other contaminants. Rinse thoroughly with fresh water. Allow to dry.
- Sand paint thoroughly with fine paper to create a key.
- Remove dust by vacuum cleaning or other suitable means before application.

#### Rusted areas :

- Remove all rust back to bright metal by sanding, etc. Remove dust. Spot prime bare steel or galvanised steel with **PLASCOSAFE 18 PRIMER (EMS 18)**. Allow to dry for a minimum of 1 hour before overcoating with **MULTISEAL**.
- If rust cannot be removed completely, remove **all loose rust** to a firm substrate. Remove dust. Apply a liberal coat of **PLASCON RUST REMOVER (RR1)** where firm rust remains.

### Application

- Apply several coats by brush or trowel building up to a total thickness of 2 – 3 mm, allowing at least 4 hours drying between coats.

### Caution

- No thinning since it may cause mud-cracking when the coating dries.
- 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. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention. Avoid inhaling spray mist as this may cause respiratory irritation.
- 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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