



## Technical Data Sheet

Date of Issue: 18/05/2021 Revision Date 12/04/2022 | Version 1.0

Product name

# ALLSEAL



## PRODUCT DESCRIPTION

**PLASCON ALLSEAL (WAL 1)** is an easy to use and economical acrylic sealer designed for use with an external membrane to seal and bridge cracks and leaks on roofs.

## INTENDED USES

- **PLASCON ALLSEAL (WAL 1)** is a waterproofing coating for roofs and external concrete and cement plaster or bagged walls.
- Designed for use with **PLASCON ALLSEAL MEMBRANE (WAL 9000)** to bridge and stop leaks on parapets, flashings, roofs joints and laps, wall and chimney cappings, as well as, seal nail heads.

## FEATURES AND BENEFITS

- Very good water resistance.
- External weather & UV resistance.
- High flexibility.
- Excellent adhesion.
- Thixotropic - Gel structure for easy application and film build.
- Environmentally friendly.
- 5 Year Quality Guarantee (Refer to T&C's at [www.plascon.com](http://www.plascon.com)).

**PRODUCT INFORMATION**

Appearance	Low Sheen
Colours	White (WAL 1), Black (WAL 2), Terracotta (WAL 3), Dark Grey (WAL 4), Heritage Green (WAL 5), Moss Green (WAL 6), Light Grey (WAL 7), Bright Red (WAL 8).
Generic type	Modified acrylic emulsion
Recommended DFT	74µm per coat
Typical spreading rate	2m <sup>2</sup> /ℓ @ 74µm DFT with membrane
Viscosity at 23 °C	80 - 90 KU (approx.)
S G	1,05 kg/ℓ (typical for white)
Flash Point	Non-flammable
VOC	< 16g/ℓ

**APPLICATION DETAILS**

Mixing	<b>PLASCON ALLSEAL (WAL 1)</b> has a thixotropic gel like consistency. Stir thoroughly with a flat paddle until homogeneous.		
Substrate	Thoroughly cleaned, sealed and primed porous cement plaster, concrete, fibre cement, bagged walls and other masonry, as well as metal surfaces.		
Method	Brush and roller.		
Thinning	Not recommended		
Cleaning	Water		
Application environment	Surface Temperature	Min*: 10°C	Max: 40°C
	Ambient Temperature	Min*: 10°C	Max: 40°C
	Relative Humidity	Min*: 10%	Max: 85%
	*or 2°C min. above dew point		
Drying Time	Touch dry	1hr at 23°C	
	Recoating	2h at 23°C	
	Dry to handle	4h at 23°C	



## STORAGE AND PACKAGING

Store away from direct sun, heat and severe cold.

Packaging: 5ℓ

## SURFACE PREPARATION

Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting. Remove any fungi and algae with household bleach (3,5% sodium hypochlorite solution) and rinse thoroughly with water.

### **POROUS CEMENT PLASTER, CONCRETE, FIBRE-CEMENT, BAGGED WALLS 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)** to the area.
- Fill cracks and other defects with **POLYFILLA MENDALL 90 (801601)**.
- Prime the entire surface with **PLASCON PLASTER PRIMER (UC 56)** over the entire surface.

### **CEMENT ROOF TILES:**

- Remove loose and flaking material back to a sound substrate. No further priming necessary.

### **NEW GALVANISED IRON:**

- Clean with **METALCARE GALVANISED IRON CLEANER (GIC 1)** and rinse thoroughly with water to achieve a water break-free surface (i.e. water completely wets the surface without crawling back into droplets).
- Prime the entire surface with **METALCARE GALVANISED IRON PRIMER (GIP 1)**.

### **WEATHERED GALVANISED IRON:**

- Clean bare metal areas as for new galvanised iron surfaces above.
- Remove any rust, loose and flaking paint with scouring pads or sanding back to bright metal and clean as for new galvanised iron surfaces above.
- Spot prime areas where rust have been removed with **PLASCON MULTISURFACE PRIMER (WUP 1)**.
- Prime the entire surface with **METALCARE GALVANISED IRON PRIMER (GIP 1)**.

### **MILD STEEL:**

- Degrease with **AQUASOLV DEGREASER (GR 1)** and rinse thoroughly with water.
- Remove any rust by coarse sanding, mechanical grinding or stripping.
- Prime surfaces with **PLASCON MULTISURFACE PRIMER (WUP 1)**.
- N.B: Mill scale must be removed by abrasive blasting or mechanical grinding before coating.

### **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 (501703)** solution and rinse thoroughly with water.



- Alternatively, clean with high pressure water jet.
- Sand glossy painted areas to a matt finish and apply a coat of **PLASCON UNIVERSAL UNDERCOAT (UC 1)**.

## APPLICATION INFORMATION

### Flashings, parapets, wall and chimney cappings, roof joints and roof screws:

- To all primed and sealed surfaces apply a thick basecoat of **PLASCON ALLSEAL (WAL 1)** with a brush or roller at 0.5 sqm/L to an area slightly wider than the membrane.
- Immediately embed the **PLASCON ALLSEAL MEMBRANE (WAL 9000)** into the wet coating.
- Ensure that the membrane is thoroughly embedded and smooth out all air pockets and creases.
- Overlaps of adjoining membranes must be a minimum of 5 cm.
- Immediately apply a second coat of **PLASCON ALLSEAL (WAL 1)** at 0.5 sqm/L using a brush while the base coat is still wet to fully saturate the membrane from both sides.
- When touch dry, apply 2 further coats to complete the application at 2 sqm/L.
- Allow to dry between coats.
- Protect from rain until dry.

## CAUTIONS

- Must be used with **PLASCON ALLSEAL MEMBRANE (WAL 9000)**.
- Not recommended for areas where chemical resistance is required.
- Do not attempt application when rain is imminent.
- Protect from rain until dry.
- Not suitable for use on slate, clay and slurry tiles, wood shingles, bitumen, powdery surfaces or surfaces that are not in a good condition.
- Not suitable to seal concrete dams or ponds or where exposed to continuous immersion in water.
- Avoid ponding water on top of **PLASCON ALLSEAL MEMBRANE (WAL 9000)**.

## SAFETY PRECAUTIONS

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Refer to Safety Data Sheet for complete information.



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## 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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