



# AQUASEAL

## PRODUCT DESCRIPTION

A modified acrylic based compound. The truly flexible compound for waterproofing with & without membrane.

## PRODUCT FEATURES

Aquaseal provides excellent adhesion to most substrates with ease of application, high flexibility, even at low temperatures, colour versatility & good waterproofing action. When used in conjunction with spun bound fibre polyester or polypropylene membrane forms the ultimate waterproofing system with high impact resistance. Aquaseal is tough & flexible (250% elongation), alkali resistant & displays good weather & U.V. resistance.

## TECHNICAL INFORMATION

Colour:	A range of standard colours are available
Appearance:	Smooth semi-sheen elastic finish when dry
Generic type:	Modified acrylic emulsion
Pigment type:	Oxides
S.G.:	±1.12
Viscosity:	±135ku
Spreading rate:	±1m <sup>2</sup> /litre
Solvent:	Water
Volume solids:	70 %
Mix ratio:	Single pack ready for use
Packaging:	1 litre, 5 litre, 20 litre plastic containers

## SURFACE PREPARATION

Always ensure the substrate is clean, dry and free of contaminants e.g. oil, grease, wax, dirt, etc. prior to application of Aquaseal. On very absorbent surfaces it is recommended to apply a first coat of Bonding Liquid. Flaking paint is to be removed. The surface is then to be sanded or wire brushed, prior to application of 1 coat of Bonding Liquid, then 2 coats of Aquaseal. Abide by recommended over coating times.

## APPLICATION

Aquaseal is ideal for:

- Parapet & boundary walls, where it protects against water ingress & cracking
- Roofing screws, overlaps & flashings
- For leaking walls, apply without membrane to waterproof
- For wall cracks, use in conjunction with glass tissue
- Aquaseal can be used with or without membrane to seal, bind & waterproof tile of asbestos roofs
- For concrete slabs, ensure the slab has a minimum 3° slope
- Substrates of mild steel or galvanized steel, need to be clean, dry, degreased, free of loose rust, contaminants, e.g. oil, grease & soluble salts, prior to applying 1 coat of Etch Primer. Allow to dry for 24 hours at 25°C before applying Aquaseal
- Substrates as diverse as concrete, roofing, wood, asbestos cement, fibre cement, tiles, galvanized metal & bitumen coatings, have produced excellent results
- When using a membrane, apply as follows:  
Apply a thick layer of Aquaseal to prepared surface  
Saturate membrane in this Aquaseal layer  
Allow to dry for 10 minutes at 25°C  
Apply top coat (preferably 2 top coats)

Use Aquaseal as supplied, do not dilute

Airless spray :	Not recommended
Conventional spray:	Not recommended
Brush & roller:	Suitable as supplied
Clean up:	Do not allow to dry on equipment. Wash immediately with water.

## ENVIRONMENT

At no time should paint be applied outdoors in inclement weather or before 9 am and after 2 pm in winter. Do not leave container open as a skin forms on the surface of the paint. Aquaseal will be damaged if subjected to rain prior to curing. It is recommended that application be confined to the following:

Surface temperature:	Min. 10°C	Max. 40°C
Ambient temperature:	Min. 10°C	Max. 40°C
Relative humidity:	Min.0%	Max.85%
Or at least 3°C above Dew point		

## DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
15°C	3 hours	18 hours
20°C	1 hour	12 hours
25°C	40 minutes	8 hours
30°C	30 minutes	4 hours

## OVERCOATING TIMES

15°C:	12 hours
20°C:	8 hours
25°C:	4 hours
30°C:	2 hours

## STORAGE AND HANDLING

Store in a cool dry area, away from heat, direct sunlight and severe cold.

Shelf life : 2 years in original sealed containers.

## LIMITATIONS

Sustained cold conditions can result in paint failure  
Avoid painting on wet substrates and in wet conditions

## SAFETY PRECAUTIONS

No known problems resulting from contact with skin, however remove as soon as possible with soap and water. Avoid ingestion and contact with eyes. If ingested, seek medical attention. Do not induce vomiting. If paint contact is made with eyes, rinse eyes well with water & seek medical attention. Do not smoke when painting. Ensure good ventilation during painting and drying.  
**KEEP OUT OF REACH OF CHILDREN**

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.  
It is not to be considered a guarantee of the products properties.

For more information contact our Factories:  
Western Cape: Tel/Fax: (021) 853-8105 Mpumalanga: Tel: (013) 246-2570 Fax: (013) 246-2573