



Aquaseal 100

PRODUCT DESCRIPTION

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

PRODUCT FEATURES

Aquaseal 100 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 polyester or polypropylene membrane forms the ultimate waterproofing system with high impact 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 ² /litre
Solvent:	Water
Volume solids:	36 %
Mix ratio:	Single pack ready for use
Packaging:	1 litre, 5 litre

SURFACE PREPARATION

Always ensure the substrate is clean, dry and sound prior to application of Aquaseal 100. On very absorbent surfaces it is recommended to apply a first coat of Bonding Liquid. The surface is then to be sanded or wire brushed, prior to application of 1 coat of Bonding Liquid. Abide by recommended over coating times.

APPLICATION

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 prior to applying 1 coat of Etch Primer. Allow to dry for 4 hours at 25°C before applying Aquaseal 100. Stir Aquaseal 100 well before use with a flat paddle. Roofs and Parapets: Apply a thick basecoat (± 1 m²/l) of Aquaseal 100 to area slightly wider than the membrane using a brush. Embed the membrane firmly into the wet Aquaseal 100 to obtain a maximum saturation from below. Ensure a minimum of 75mm overlap of adjoining lengths of membrane. Remove any air pockets and creases in the membrane. Allow to dry. Apply a coat of Aquaseal 100 (± 1 m²/l) onto membrane to complete saturation. Allow to dry. Apply 2 further coats of Aquaseal 100 (± 2 m²/l), or 1 coat Aquaseal 100 and 1 coat of an O'Grady's premium acrylic paint. Allow to dry between coats as recommended. Walls: Repair any cracks and apply two coats of Aquaseal 100 at

the rate of 2m²/l per coat. Aquaseal 100 may be overcoated using an O'Grady's premium acrylic paint.

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. Aquaseal 100 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

Do not leave the container open, as a skin quickly forms on the surface of the paint.

DRYING TIME

Drying time is dependent on film thickness, temperature and ventilation. The thicker the film, lower the temperature and less the ventilation the slower the drying time.

Substrate Temp	Drying Time	Over coating
15°C	4 hours	8 hours
20°C	2 hours	4 hours
25°C	1 hours	2 hours
30°C	30 min	1 hour

LIMITATIONS

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

STORAGE AND HANDLING.

Store in cool dry area away from heat, direct sunlight and severe cold. Shelf life: 2 years in original sealed containers.

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 thoroughly with water eyes must be open, and then seek medical attention. Do not smoke when painting. Ensure good ventilation when painting and drying.

KEEP OUT OF REACH OF CHILDREN.

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