

# AquaSport Epoxy

Epoxy Swimming Pool Paint



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## PRODUCT DESCRIPTION

A two component polyamide cured epoxy swimming pool paint

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## INTENDED USES

A high performance two component, epoxy swimming pool paint for use in fresh and salt water, in pools or fountains, new or old.

It adheres well to concrete, fibreglass, marbelite plaster, gunnite, cement plaster and surfaces which have been previously coated with solvent based epoxy systems and provides a tough coating that is resistant to the normal abrasion of pool use and maintenance.

AquaSport Epoxy is resistant to pool chemicals, salts and dilute acids.

There is no need to prime existing surfaces.

Ensure that the pool painting guide is followed for preparation and application.

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## CHARACTERISTICS

- Self-priming, it is applied directly onto abrasive blast or mechanically cleaned concrete, marbelite/gunnite or fibreglass
  - Excellent adhesion to a variety of cementitious or fibreglass pools surfaces
  - Good flexibility and water resistance
  - Good cure at 10°C
  - Extremely durable in fresh and salt water
  - Improved resistance to exterior exposure -contains UV absorbers to increase resistance to chalking
  - No induction time after mixing
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## PRODUCT INFORMATION

<b>Colour</b>	<b>White, Black/Charcoal, Light Blue, Dark Blue</b>
<b>Finish</b>	Gloss
<b>Mix Ratio (volume)</b>	5.6 to 1
<b>Activator</b>	<b>Epoxy Activator AquaSport</b>
<b>Induction Period</b>	Not required
<b>Density</b>	1.36 kg/litre
<b>Volume Solids</b>	60%
<b>Typical Film Thickness</b>	90-100 microns dry per coat 180-200 microns dry total required (2 coats)
<b>Theoretical Coverage</b>	<ul style="list-style-type: none"><li>▪ 6.7 m<sup>2</sup>/litre at 90 microns dft, allow loss factors</li><li>▪ 3.3 m<sup>2</sup>/litre at 180 microns dft, allow loss factors</li></ul>
<b>Method of Application</b>	Brush, Roller or Spray
<b>Temperature Resistance</b>	Dry continuous – 60°C
<b>Number of Coats</b>	2, see AquaSport Application Guide

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## Pool Coatings

<b>Drying Information</b>	5°C	10°C	15°C	20°C	30°C	40°C
Touch Dry	-	-	-	3 hrs.	-	-
Hard Dry	-	-	-	16 hrs	-	-
Full Cure	-	-	-	7 days.	-	-

**Overcoating Data – See Limitations**

Substrate Temp.	5°C	10°C	15°C	20°C	30°C	40°C
Minimum	-	-	-	16 hrs	-	-
Maximum	2 days*					

**Note**

\*See Speccoats™ Definitions and Abbreviations

If more than 72 hours elapses between coats, sand the film to provide sufficient profile (150-180 grit)

\*See Limitations for curing.

### SURFACE PREPARATION

The following is a basic guide only. Do not begin painting pool without following the application guide for AquaSport Epoxy. If the pool already has a coating, determine the type of pool paint previously used. AquaSport Epoxy can only be applied over pools previously painted with solvent based pool epoxies.

Surfaces to be coated must be free of dust & debris, contamination, oils, grease etc. Use a dilute solution of Hydrosolve Degreaser to clean surface prior to painting, hand scrub water lines where oils from sun lotion tends to migrate.

**Concrete:** after having cleaned thoroughly, new or old unpainted concrete pools must be etched with a 10% solutions of **Concrete Etch & Cement Remover**, evenly applied until it ceases to effloresce. Then thoroughly rinse with clean water and allow surface to thoroughly dry. It is highly important to ensure all trace of acid are neutralized and rinsed away. Use a solution of **Concrete Neutralizer** – 500gm to 20lt of water.

**Unpainted Plaster (Marble Plaster, Gunite and Marbelite):** after having cleaned thoroughly, new or old unpainted plaster must be etched with a 10% solutions of **Concrete Etch & Cement Remover**, evenly applied until it ceases to effloresce. Then thoroughly rinse with clean water and allow surface to thoroughly dry. It is highly important to ensure that all traces of acid are neutralized and rinsed away. Use a solution of **Concrete Neutralizer** – 500gm to 20lt of water.

**Previously Painted Pools:** Painting over many old layers of pool paint is not recommended and could result in premature adhesion loss. Once multiple layers (4 or more) of paint have been applied and have aged, consideration should be given to removing all old layers back down to the substrate prior to next paint applied. When in doubt, check the adhesion of the previous layers before painting. Use a dilute solution of Hydrosolve Degreaser to clean surface prior to painting, hand scrub water lines where oils from sun lotion tends to migrate. Flush with plenty of water and allow to dry. Sand surface with 150 – 180 grit sand paper or equivalent. Rinse off sanding dust and allow to dry for 24 hours.

**Fibreglass:** Use a dilute solution of Hydrosolve Degreaser to clean surface prior to painting, hand scrub water lines where oils from sun lotion tends to migrate. Flush with plenty of water and allow to dry. Sand surface with 150 – 180 grit sand paper or equivalent. Rinse off sanding dust and allow to dry for 24 hours.

## APPLICATION

Material is supplied in two containers as a kit. Always mix a complete kit in the quantities supplied. Once mixed the product should be used within the pot life specified

Stir the base component well with a flat-bottomed paddle or mechanical mixer until product is uniform. Continue stirring and add the entire contents of the activator container. Continue stirring until the mixture is homogeneous.

Ensure that sufficient material be mixed so that the product can be applied within its use-able life

This product is self-priming on the substrates listed above. When applying to masonry surfaces it is advisable to thin the first coat up to 25% with SA65 Thinner to aid in “wetting” and penetrating of the surface. This product can be applied by Brush, Roller or Spray.

Roller application is preferred, follow spread rate recommendations. **DO NOT APPLY HEAVIER FILMS THAN RECOMMENDED. Always apply two coats of pool paint.**

## APPLICATION

<b>Pot Life</b>	90 minutes at 25°C		
<b>Thinner</b>	SA65 Thinners	0-25% depending on application	
<b>Airless Spray</b>	Recommended	Tip Range 15-21 Thou. Pressure at the tip should not be less than 150 bar (2200 PSI)	
<b>Air Spray</b>	Recommended	Fluid Tip	1.6 mm to 1.8 mm
<b>Brush/Roller</b>	Recommended.  Mohair preferred	On concrete, this first coat should be thinned 25%. On other surfaces thinning is not required.  Apply first coat and allow to dry.  Apply second coat allow to cure before filling up the pool.	
<b>Work Stoppage</b>	Thoroughly flush all equipment with Xylene. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered and viscosity re-adjusted before used.		
<b>Clean Up</b>	Clean all equipment immediately after use with SA65 Thinners. It is good working practice to periodically flush out the spray equipment during the course of the working day. Frequency of cleaning will depend upon the amount sprayed, temperature and elapsed time, including delays.		

Environment	Surface Temperature	Ambient Temperature	Relative Humidity
	Minimum	10°C*	10°C
Maximum	45°C	45°C	85%

\*Or 3°C above the dew point

## LIMITATIONS

- Like all epoxy coatings, it will chalk and fade over time when exposed to ultraviolet light.
- Do not apply this coating over any rubber based or water based pool paints
- Do not paint in direct sun rays
- Do not paint if rain is expected within 16 hours at 25°C
- Do not fill pool before paint is fully cured
- Do not mix partial kits
- Over-application will extend both the minimum overcoating periods and handling times, and may be detrimental to long term overcoating properties.
- In common with all epoxies, AquaSport Epoxy will chalk and discolour on exterior exposure. However, as long as the surface is abraded & cleaned, these phenomena are not detrimental to long term overcoating properties.
- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Speccoats™ representative for specific recommendations
- Allow at least 7 days after the final applied coat before filling the pool with water. 10-14 days for indoor pools. Provide forced air flow by using fans to circulate air in the pool, where solvent vapours from the pool paint will collect and slow final curing. If rain water gets into the pool prior to completion of full cure, pump out the rain water as soon as possible.
- Never cover the pool with a tarp or solar blanket during cure. This could trap solvent in the coating.
- Test performance results were obtained in a controlled laboratory environment and Speccoats™ makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating

## UNIT SIZE

**Kit Size**            4 and 20 Lt

## STORAGE

**Shelf Life**            12 months at 25°C – from date of manufacture

Subject to inspection thereafter. Store in dry conditions out of direct sunlight away from source of heat or ignition  
Store at temperature between 5 and 35°C

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## IMPORTANT NOTE

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

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## PRECAUTIONS

For complete safety and handling information please refer to the appropriate **Safety Data Sheets** prior to using this product

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