

AquaSport Epoxy HS Pool Paint

SOLVENT BASED **2K**

Description:

A two-component, solvent based, high solids polyamide cured epoxy swimming pool paint.

Intended Uses:

AquaSport Epoxy HS Pool Paint is designed for use in fresh, salt water or chlorinated swimming pools & water features, new & old.

Adheres exceptionally well to concrete, fibreglass, marbelite plaster, gunnite and cement plaster surfaces. Provides a tough, glossy surface that is resistant to the normal abrasion from pool use and maintenance. Resistant to pool chemicals, salt, and dilute acids. AquaSport Epoxy HS Pool Paint is a very high solids epoxy with minimal shrinkage on curing. Applied directly to most surfaces without priming.

Features & Benefits:

- Excellent resistance to abrasion & mechanical damage.
- Excellent adhesion on correctly prepared surfaces.
- Self-priming, applied directly to mechanically cleaned concrete, marbelite/gunnite or fibreglass surfaces.
- Good Flexibility.
- DIY Application.
- Easy mixing ratio.

Technical Data:

Colour	White, Light Grey, Dark Grey, Light Blue, Emerald Blue, Sapphire Blue, Black
Appearance	Glossy
Density (Kg/ Lt @ 25°C)	Approx. 1.62 (Mixed) Approx. 1.74 Kg / Lt (Comp. A) Approx. 1.49 kg / Lt (Comp. B)
Components	2
Mixing Ratio	1 : 1 (Comp. A : Comp. B)
Activator – Comp. B	AquaSport Epoxy HS Pool Paint Activator (Comp. B)
Volume Solids	75%
Pack Size	5 Lt Kit – 2.50 Lt Comp. A & 2.50 Lt Comp. B 20 Lt Kit – 10 Lt Comp. A & 10 Lt Comp. B
Typical Film Thickness	100 – 125 µm DFT / Coat or 135 – 165µm WFT / Coat Apply 2 coats to achieve 200 – 250µm DFT
Coverage	3.00 m ² / Lt at 250 µm DFT, allowance should be made for site application losses & surface profile
Pot Life	3 hours at 25°C
Dry to Touch	2 Hours at 25°C
Dry to Overcoat	24 Hours at 25°C
Cured For Immersion	10 days at 25°C
Maximum Overcoating	After 48 hours the surface should be thoroughly sanded prior to painting.
Method of Application	Brush, roller, or Airless Spray
Diluent	SA 65 Thinner

A minimum curing temperature below 10°C is not recommended.

SPORTS SURFACES: SWIMMING POOL COATINGS

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

Surface Preparation

Concrete / Marbelite / gunnite or cementitious surfaces

Always refer to document “**Analysis & Preparation of Substrate**”

Good ventilation of rooms during processing guarantees good curing results.

In general, the following guidelines for preparation should be adhered to

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats and other contaminants.
- Laitance and loose particles must be removed thoroughly i.e. grinding / abrasive blast cleaning.
- Oils and fats, humidity can be removed by flame treating.

After having cleaned thoroughly, new, or old unpainted concrete pools must be etched with a 10% solution 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.

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

Conditions for application

Do not apply when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew point

Method of mixing

Stir the contents of Comp. A. Continue stirring and gradually add the total contents of Comp. B. stir for 3 minutes until a homogeneous mix is attained

Pot Life

AquaSport Epoxy HS Pool Paint has a usable life 3 hours @ 25°C. the larger the mix the higher the exotherm and the shorter the pot life. Once mixed the content should be applied swiftly. If applying by roller or brush empty contents onto the surface and spread. If applying by airless spray, ensure material is used well before the usable life to avoid hardening in the machine.

First Coat

When applying to porous surfaces, the first coat should be diluted 25% with SA65 Thinner.

Airless Spray

A minimum 45:1 Pneumatic Airless Pump is required for application. A tip size between 17 to 35 thou is recommended.

Roller or Brush

Thick nap, nylon epoxy rollers or good quality brushes should be used.

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Clean Up

Clean up is done using SA 65 Thinners.

Storage:

- Shelf Life: minimum 12 months from manufacture date if stored in dry conditions and in original packaging.

Precautions:

- 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
- Do not apply to green concrete
- Over-application will extend both the minimum overcoating periods and handling times and may be detrimental to long term overcoating properties.
- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Specialized Coating Systems representative for specific recommendations
- 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 rainwater gets into the pool prior to completion of full cure, pump out the rainwater as soon as possible.
- Never cover the pool with a tarp or solar blanket during cure. This could trap solvent in the coating.

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