

# PRODUCT DATA

## VINYL POOL PAINT



### Type

A Solvent Based Paint.

### Appearance

It dries to a Medium Sheen Finish.

### Properties

Vinyl Pool Paint has excellent adhesion and water resistance as well as a tough film. Vinyl Pool Paint can only be used on unpainted cement, Gunitite or Marbelite surfaces or surfaces previously painted with Vinyl Pool Paint. The surface must be thoroughly inspected for delamination or disintegration as Vinyl Pool Paint can only be applied on a firm, well prepared substrate. It cannot be used on fibreglass surfaces. Where paint other than Vinyl Pool Paint was applied, this paint must then be removed to a sound base. Do not add waterproofing agents to the cement as this will cause a loss of penetration and adhesion. Finish the surface of a new cement pool with a wooden trowel, as this will leave the surface similar to that of a 100 grit floor sandpaper. This will greatly improve the adhesion of the new paint system. Smooth surfaces must be sanded with 40 grit sandpaper or be acid etched with Titanium Brick Cleaner thinned with 20% water for the required result. Rinse off with plenty of water and allow to dry properly.

### Step 1 : Surface Preparation

Once the pool is empty, remove all fungus growth or any loose material with a high pressure water jet or by means of a scrubbing brush and water. Empty the pool thoroughly and allow to dry properly.

### Step 2 : Chlorine Wash

The following applies for new or unpainted cement, Gunitite or Marbelite surfaces or for surfaces previously painted with Vinyl Pool Paint.

- (a) Mix **one** cup Chlorine (HTH) with 20 litres water and apply liberally. Saturate thoroughly in order to kill algae and fungi deep into the surface. Leave for 24 hours, rinse off with a liberal amount of water and allow to dry properly. Failure to saturate the substrate with the Chlorine (HTH) wash will result in a release of Methane gas that will cause blisters underneath the newly painted surface. Failure to rinse the Chlorine (HTH) with plenty of clean water after 24 hours will cause the breakdown of the new paint system as Chlorine (HTH) is a very strong oxidant.

### Step 3

Apply the 1<sup>st</sup> coat (thinned) Vinyl Pool Paint. Start applying the paint as early in the morning as possible and do not paint in direct sunlight or when the surface is hot. It is better to switch over to the next day.

- (a) Stir the contents thoroughly and thin with 20% Mineral Turpentine. Stir the mixture well. Use a good quality roller, i.e. Hamilton Classic, and apply liberally so that enough paint is available to penetrate the well prepared surface. Failure to do this will cause the paint not to penetrate or to adhere. Leave overnight to dry.

### Step 4

Apply the 2<sup>nd</sup> coat (unthinned) Vinyl Pool Paint. Once again, this coat must be applied as early in the morning as possible. Stir the contents thoroughly and apply unthinned. The spreading rate should not be more than 3m<sup>2</sup> per litre for two coats. Should it be the case, a 3<sup>rd</sup> coat must be applied.

- (a) Leave the system for at least 3 days before filling up with water. It is important to us that you are pleased with our product. Failure can only be contributed to not following the instructions carefully.

### Simple calculation to establish quantities required

#### Example 1:

Pool size	:	8m x 4m x 1.5m deep	
Bottom area	:	8m x 4m = 32m <sup>2</sup>	Sides: 8 x 2 x 1.5 + 4 x 2 x 1.5 = 36m <sup>2</sup>
Top area	:	32 + 36 = 68 ÷ 3 (spreading rate) = 22.67 = 5 x 5 litres	

#### Example 2:

Pond Size	:	Round pond of 5m x 1.8m deep . ∴ Radius = 2.5m, i.e. diameter ÷ 2
		Circumference = 2 π R = 2 x 22/7 x 2.5 = 15.7
Bottom area	:	π x 2 x diameter = 22/7 x 2.5 x 2.5 = 20m <sup>2</sup>
Side area	:	Circumference x depth = 15.7 x 1.8 = 28.3
		∴ Total area = area of bottom + area of sides = 20 + 28.3 = 48.3 m <sup>2</sup>

**Application Method:** Classic Paint roller.

**Spreading Rate:** 3m<sup>2</sup> for two coats

**Cleaning of Utensils:** Mineral Turpentine

**Packaging Sizes:** 5 L and 1 L

**Colour Range:** Blue, Black and White

**Drying Time:** 2 Hours Recoat = 24 hours