



Epotec Pool Paint by Cotec,  
Durable, Strong, Beautiful,  
Designed for You...



**EPOTEC**

**Swimming  
Pool Paint**



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Is your pool (or Spa) looking tired, faded, worn, unattractive or just hard to keep clean? Then it is time to bring it back to life with the Epotec range of specialty Epoxy pool coatings.

These products will rejuvenate your pool surface be it concrete (painted or not), Marblesheen, Pebblecrete, Fibreglass and other surfaces too, such as Quartzon.

The Epotec Pool Paint range is specifically formulated to provide the best protection, wear and tear resistance and offers a long term solution to your pool problems, while providing a decorative, smooth, seamless, easy clean surface season after season.

Swimming Pool paints have for many years only been available in solvent based products, such as Chlorinated Rubber and High Build Epoxy (Epotec HB). Recent developments in epoxy technology have meant we now have water borne pool paint systems (Epotec WB) with significant advantages when it comes to coating pools and coping with the problem of ageing and damp concrete, plaster and blockwork.

The advantages of using the Epotec range of products are many;

- Decorative (Standard colours plus the ability to match your specific colour)
- Seamless finish
- Easy to clean
- Long lasting
- Economical
- Warranty Available (Commercial)
- Easy DIY application
- Specific sealer for use on aged or poor condition concrete and plaster
- Epotec WB is water based. It washes up in water
- Over 20 years history of pool coating in both New Zealand and Australia
- Can be over coated in the future



**Why paint?**

With concrete, plastered or other unpainted finishes the original surface will be worn, tired and eroded after about 10 to 15 years and this leads to the surface becoming porous, harder to keep clean and may even start to crack and blister. Water finding its way through the surface into the structure of the pool can cause expensive damage. Painting is the easiest and most economical way of refurbishing the surface.

**What paint to use?**

Epotec HB (high build epoxy) is the industry standard for pool paint and gives high build surfaces (250 micron dry) in 2 coats. Epotec HB can be brush or roller applied

Epotec WB (water based epoxy) is the newest Epoxy development available, allowing for easier mixing and application and wash up in water. This system has a sealer (Epotec WB Sealer) that is also water based and is specifically designed to penetrate concrete and plaster giving additional strength to weak or aged surfaces with greatly improved adhesion of the top coat. Epotec WB sealer has the added advantage of being able to cope with moisture already in the substrate when applied and also is vapour transmissible which allows this moisture to continue to exit even after the sealer has cured.

Epotec WB has all the chemical resistance and hardness characteristics of solvent based epoxies but with less odour, greater ease of handling and the convenience of washing up in water. Epotec WB can be brush, roller or spray applied.

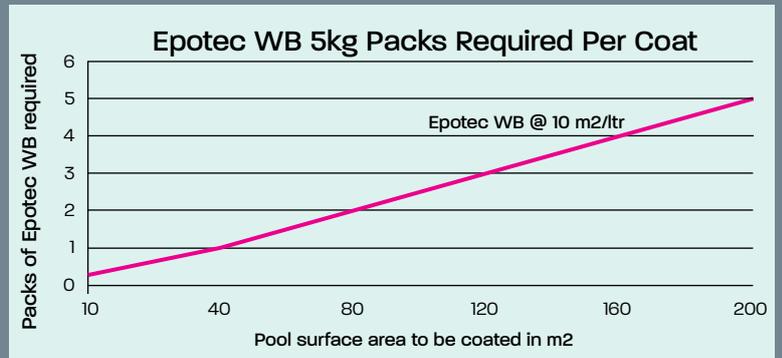
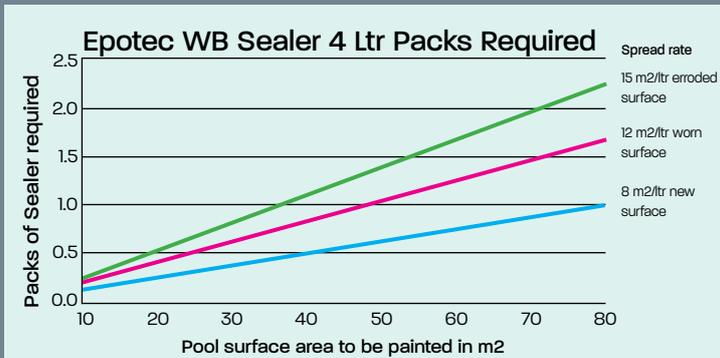
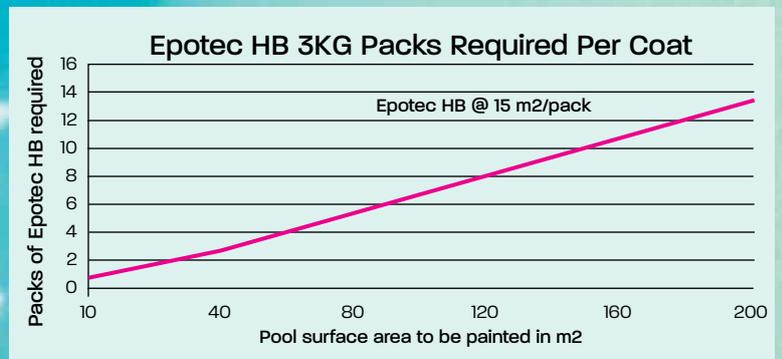
**What colours can I have?**

Epotec comes in a standard range of colours however Epotec WB is fully tintable and can be tinted to your specific requirements. It should be noted however that all Epoxies will slowly chalk and fade over a period of time and although this does not reduce their performance as a coating, it does turn the coat "white" over a long period of time. Our recommendation is that light colours (Light and Mid blue etc) are selected as these do not show the chalking as quickly as darker colours.



**EPOTEC HB**  
High Build Epoxy

**EPOTEC WB**  
Water Based Epoxy





## Technically Advanced Paint Systems

### How do I paint my pool?

#### Preparation

Good preparation is the key to a successful paint job and taking shortcuts at this stage is certain to lead to failures or less than expected performance.

The preparation required can be as little as a detergent wash to remove body fats followed by a water blast, right up to a full grit blast to remove all existing coatings right back to the substrate.

#### New concrete or plastered pools

Ensure the concrete or plaster is at least 28 days old. Make sure there is no oil or release agent on the concrete surface by thoroughly cleaning with a detergent followed by a water blast.

A sponge finish is the preferred finish for plaster.

If the concrete is smooth and hard the preferred method of preparation is to grind the surface. Acid etching can be used but is less effective.

#### Old concrete or plastered pools

As above but use warm detergent on the top 300mm of the pool and steps to remove embedded body fats.

#### Previously painted concrete or plastered pools

Thoroughly clean the entire pool with detergent and wash out. Pay particular attention to the top metre of the walls to ensure complete removal of body fats.

Remove all loose, flaking or blistered paint and prepare the whole surface by machine grinding, sanding (40 - 60 grit) or abrasive blasting with Garnet, Soda Blast or UHP water blast. Blasting can only be done by professionals and Cotec have a list of companies with specialist equipment for this job.

All areas of freshly exposed concrete or plaster should be acid etched, washed down and dried before painting.

#### Fibreglass pools

Hot detergent wash and rinse the pool to remove all body fats. The gel coat surface of the fibreglass must be completely sanded off to a flat finish by either machine sanding or Soda Blasting. Be careful not to expose the underlying glass fibres.

All blisters in the fibreglass must be opened up, ground out and completely dry.

These blistered or cracked areas must be patch repaired/filled and sanded back with an approved fibre glass repair system.

In all cases where preparation is not fully understood please contact Coating Technologies for advice.



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## Choose Colours



## That Move You...

#### Mixing paint

Mixing ratios are very important in these products so follow the weight measure exactly if using part packs. Ensure all the hardener is added to the part A if using full packs.

Thorough mixing with flat stirring sticks for at least 3 -4 minutes is required. Allow the mixed paint to sit for 15 minutes and stir well again before using.

Epotec HB is mixed (Part A with Part B), then and can be thinned up to 5% with Epotec thinners to improve penetration on unpainted surfaces.

Epotec WB sealer is mixed (part A with part B) THEN thinned by adding water with stirring.

Epotec WB is mixed (part A with part B) and the viscosity can then be adjusted to suit application by slowly adding small amounts of water up to about 15%.

Refer to the Technical Data Sheets for these products for full instructions.

#### Application

Epotec HB can be brush and roller applied but if spraying we would recommend the first coat is rolled on to ensure full penetration. Keep the roller loaded with paint and roll out until it feels "sticky" and re-load.

Epotec WB Sealer can be brush, roller or spray applied. The sealer is applied just sufficiently to fully wet out and penetrate the concrete or plaster. It is not supposed to be applied in heavy film builds.

Epotec WB can be brush, roller and spray applied in such a way as to ensure there is a good heavy film on the surface. Spreading the paint out to make it go further simply decreases the life of the coating.

All these paints cure sufficiently overnight to have the next coat applied the following day. Any more than 72 hours between coats will require the first coat to be lightly sanded before applying the next coat.

DO NOT paint if rain is expected within 8 hours of finishing.

Paint in temperature of more than 15°C.

Finish well before the dew comes down in the evening.

Prior to application please ensure you have read the surface preparation and product application instructions contained in the specific data sheet for the product.

