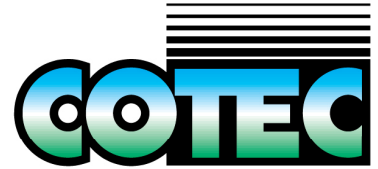




# High Performance Paint Specification



## PS-E003

# COATING A FIBREGLASS SURFACE WITH EPOTEC HB OR WB EPOXY PAINT

### INTRODUCTION:

For the coating of an in ground swimming pool, refer to our Epotec Pool Paint information sheet. A fibreglass swimming pool, after a number of years can suffer from different types of failures.

- \* Gelcoat cracking
- \* Black spot
- \* Delaminating of the gelcoat
- \* Osmosis blistering
- \* General breakdown from UV/weathering.

Epotec correctly applied can revive the surface and protect the fibreglass from further breakdown. Fibreglass pools are manufactured by one of two methods:

- (a) In house factory mould – transported to the customers site.
- (b) Manufactured on the site of the customer in the ground by spray applying fibreglass chop strand matt and the finish gelcoat.

Method (a) produces a swimming pool of higher quality. Method (b) can potentially lead to defects such as described above.

The painting method described here is for recoating fibreglass that is sound and with none of the above described defects.

### PROCEDURE:

- 1 Examine the surface for any minor defects such as gelcoat star cracks etc. Grind back and fill with a suitable epoxy filler.
- 2 (a) Sand with a 40/60# paper to remove lime build up and surface chalking, follow this with 100# to ensure the whole surface is sanded off to a uniform matt appearance, or  
(b) Light sweep blasting or preferably Soda Blasting is a better method of cleaning and preparing the surface to a uniform profile.

Take care not to abrade too deep so that the fibreglass matt is exposed. Refer to PS-C002 Abrasive Blast Cleaning of Concrete and Painted Surfaces.

- 3 Using a detergent/warm water mix, scrub the top 3 – 500 mm (in particular) and all other surfaces to ensure the removal of the build-up of body fats that occur over time. Steps, seats or shallow ends of children's pools need particular attention. Water blast and dry.

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- 4 Again check for defect areas. If soft areas are found where the glass is showing through and has lost its strength, the area will need to be rebuilt with fibreglass matt and resin then smoothed with an epoxy filler ready for painting.
- 5 Water blast. Use a good quality high pressure water blaster. (It does not have to have extreme pressure. The purpose is to remove all debris).
- 6 Ensure all surfaces are now dry and free of dust.
- 7 Mixing EPOTEC and application - refer to PS-E002 Coating a Concrete Surface with Epotec HB and WB Epoxy Paint, where a full description of the required procedure is given.

Apply two coats.

- 8 TECHNICAL SUPPORT. If there are any doubts or questions ring Coating Technologies Limited's technical department.

#### **HEALTH AND SAFETY:**

Read the Material Safety Data Sheet (MSDS) and information booklet. Keep away from heat and open flames, keep can closed when not in use. Avoid breathing vapour, use with adequate ventilation. Avoid contact with skin and eyes. If skin contact occurs use warm soapy water to remove. Do NOT use thinner to clean the skin.

#### **REFER TO THE FOLLOWING SPECIFICATIONS FOR RELATED INFORMATION:**

PS – C002 Abrasive Blast Cleaning of Concrete and Painted Surfaces  
PS – E002 Coating A Concrete Surface with Epotec HB and WB Epoxy Paint

ISSUE: 04      DATE: 1/12/13