



Performance Through
Technology and Service

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DATA SPECIFICATION

PS-E004 RE-COATING AN AGED EPOXY COATING WITH EPOTEC OVER CONCRETE

Introduction For the coating of an in ground swimming pool, refer to our 'EPOTEC High Build Epoxy Information Sheet'. Ensure that the current coating is not a chlorinated rubber coating. Refer PS-C003 Chlorinated Rubber Paint Identification Test. An aged epoxy coating usually has lost its gloss and has chalked to a varying degree making the coating look whiter. Above water this is more obvious, as the UV light etc. has a greater effect. The film under this oxidised layer though is usually very sound and stable, making it suitable to over coat with EPOTEC.

Procedure

1. Examine the total surface for defects. These may be: blistering, cracks, flaking paint film or structural problems such as structural cracks.

2. Grind back the whole surface with a 40 or 60 grit disc grinder (industrial diamond grinder is better). The aim is to remove the oxidised layer leaving a profile suitable for keying the new EPOTEC coat.

OR Grit blast the surface. Refer PS-C002 Abrasive Blast Cleaning of Concrete and Painted Surfaces.

3. If blisters are very prominent, establish whether they have fluid underneath and the location of the main areas. Ring and discuss this with our technical department.

4. **CRACKS** If structural cracks are present V grind these using a masonry

blade on a grinder, clean out the dust with water, allow to dry, then fill with an epoxy 2 pack filler. Refer PS-C005 Repair of Concrete Defects.

5. **WATER BLAST** Use a good quality high pressure water blaster with a detergent additive. (This will help to emulsify any fats or oil present). Wash with clean tap water to remove any residue detergent or dust. Allow to dry. **NOTE:** Obviously in some locations water blasting is impractical. In a garage floor for example use warm water with detergent and a mop or sponge to wash the floor, then clean water to rinse.

6. Areas that have exposed concrete require an acid wash to etch the concrete. Refer PS-C001 Acid Etching of Concrete with Hydrochloric Acid.

7. **MIXING EPOTEC & APPLICATION** Refer to PS-E002 Coating a Concrete Surface with Epotec High Build Epoxy Paint, where a full description of the required procedure is given. Two coats of EPOTEC are applied without thinner.

8. **SWIMMING POOLS** If the existing coating is in very bad condition, it may be necessary to completely remove that coating and treat the surface as 'concrete'. Refer to PS-E002 Coating a Concrete Surface with Epotec High Build Epoxy Paint.

9. **TECHNICAL SUPPORT** If there are any doubts or questions ring our technical department. **(over)**

**PS-E004
RE-COATING AN AGED EPOXY
COATING WITH EPOTEC OVER
CONCRETE (CONTINUED)**

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 Following Specifications:

PS-C002 Abrasive Blast Cleaning of Concrete and Painted Surfaces.

PS-C003 Chlorinated Rubber Paint Identification Test

PS-C005 Repair of Concrete Defects.

PS-E002 Coating a Concrete Surface with Epotec High Build Epoxy Paint,

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