



Performance Through  
Technology and Service

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## DATA SPECIFICATION

### PS-E001 REPAINTING A CHLORINATED RUBBER COATING WITH EPOTEC, ON A CONCRETE SUBSTRATE

**Introduction** Chlorinated rubber paints are thermoplastic in nature and solvent sensitive which makes them 'unsuitable' for over coating with EPOTEC (two pack epoxy). It is therefore important to totally remove the chlorinated rubber product back to the substrate, then start again with the standard procedure. Refer to PS-C003 Chlorinated Rubber Paint Identification Test.

#### Procedure

1. The best method for total removal of the coating is to sandblast. Care needs to be taken to ensure the operator does not gouge out hollows in the surface. Wet blasting is preferable as the amount of dust generated is significantly reduced. Refer PS-C002 Abrasive Blast Cleaning of Concrete and Painted Surfaces.
2. Wash the surface with a brush to remove any dust or loose debris.
3. Tap the surface with a small wooden hammer or similar to check for 'hollow areas'. Remove the loose areas with a masonry chisel.
4. Rub the surface with a 'finishing' stone. This will flatten any sharp peaks left by the sand blasting.
5. Fair up surfaces that have hollowed or were loose with either sand/cement plaster, or formulated plaster such as Plaster Systems Multiplast or Multiplast Finishing Compound.
6. Fill any voids or cracks that are

structurally very deep with two pack epoxy filler such as Fosroc, Expocrete UA (immersion grade). If the crack is deep use a masonry grinder to open up the crack.

7. Check any expansion joints ensuring the adhesion to the concrete is sound. Re-place if suspect. Refer to Hitchins Technologies Pty Ltd for recommendations.
8. Acid wash the surface with 10% Hydrochloric Acid. Refer PS-C001 Acid Etching of Concrete with Hydrochloric Acid. Leave on to react for approximately ½ - 1 hour.
9. Wash down thoroughly to remove any fine dust and acid residue.
10. Allow to dry.
11. Follow the 'Coating a Concrete Surface with Epotec High build Epoxy Paint' Specification – Refer PS-E002.

**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:

- PS-C001.** Acid Etching of Concrete with Hydrochloric Acid.
- PS-C002.** Abrasive Blast Cleaning of Concrete and Painted Surfaces
- PS-C003.** Chlorinated Rubber Paint Identification Test.
- PS-E002.** Coating a Concrete Surface with Epotec High build Epoxy Paint'

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