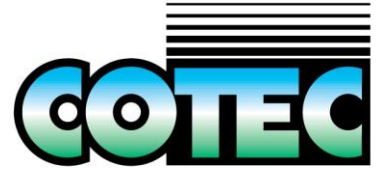




High Performance Paint Specification



PS-E001

RE-PAINTING A CHLORINATED RUBBER COATING WITH EPOTEC NT EPOXY, ON A CONCRETE SUBSTRATE

INTRODUCTION:

Chlorinated rubber paints are thermoplastic in nature and solvent sensitive which makes them 'unsuitable' for over coating with EPOTEC NT (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. Chlorinated Rubber is a thin, soft film and is often better removed by Soda Blast or UHP water blasting as these processes are less likely to damage the concrete.
- 2 Wash the surface with a brush to remove any dust or loose debris.
- 3 Tap the surface with a small soft face hammer or similar to check for 'hollow areas'. Remove the loose areas with a masonry chisel.
- 4 Fair up surfaces that have hollowed or were loose with either sand/cement plaster, or formulated plaster such as Cotec EPOXYPATCH or EPOXYBOG fairing compound.
- 5 Fill any voids or cracks that are structurally very deep with two pack epoxy filler such as Cotec EPOXYPATCH. If the crack is deep use a masonry grinder to open up the crack.
- 6 Check any expansion joints ensuring the adhesion to the concrete is sound. Re-place if suspect. Refer to Coating Technologies Limited for recommendations.
- 7 Acid wash the surface with 10% Hydrochloric Acid only if the surface looks polished. Normally blasting leaves a ready to go surface. Refer PS-C001 Acid Etching of Concrete with Hydrochloric Acid.
- 8 Wash down thoroughly to remove any fine dust and acid residue.
- 9 Allow to dry.
- 10 Follow the 'Coating a Concrete Surface with Epotec NT and Concrete WB Epoxy Sealer Specification – Refer PS-E002.

PTO

Coating Technologies Limited, 10 Andromeda Crescent, East Tamaki, Auckland 1013, New Zealand

Phone: 0064 9 837 0897 www.cotec.co.nz

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if a written claim is made within 14 days from the date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements.

Freedom from patent restrictions is not implied.

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 – 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 NT and Concrete WB Epoxy Sealer

ISSUE: 05 DATE: MAR 20