



Performance Through
Technology and Service

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DATA SPECIFICATION

PS-C002 ABRASIVE BLAST CLEANING OF CONCRETE AND PAINTED SURFACES

Introduction The total or partial removal of a paint system over concrete is a difficult process. The options are either to grind the surface (which is labour intensive) or blasting using a controlled method. This specification describes the latter process.

The blasting process has a number of variables. E.g. 1. The type of blasting media (sand, garnet, calcites etc.), 2. The process (wet or dry), 3. Nozzle types and pressure control.

To effectively control the cleaning and partial removal of paints the operator must have a good understanding of these variables, otherwise the blasting can erode the concrete severely, which can mean the surface will need to be re-plastered before coating.

Procedure

1. Engage an operator that can prove that he can carry out the desired process.
2. If the job is of sufficient size, request that the operator completes a trial to the satisfaction of the coatings supervisor.
3. Blast clean the surface to remove the oxide layer completely leaving a texture similar to 100-120 grit paper. It is NOT necessary to remove all the previous sound epoxy.
 - 3.1 If blisters are exposed from inter-coat adhesion failure, blast the tops off until the same texture is produced on the underlying surface of the blisters and the top layer is adhering well.

3.2 If the coating is removed completely from the concrete, blast to clean the concrete but take care not to erode the concrete un-necessarily.

4. Sweep all debris and remove as much as possible off the site.
5. Water blast to clean any fine dust trapped in the texture produced by the blasting.
6. Allow to dry.
7. Roller apply Epotec. Refer to PS-E004 Re-coating an Aged Epoxy Coating with Epotec over Concrete.

Approved Process Operators

To date, Impact Sandblasting in St Ives, Sydney Ph 0414 655 655 and C & D Abrasive Blasting, Turrumurra Sydney Ph 0438 117 765 have been considered suitable.

There may be others. The sandblaster should work carefully so as not to damage the underlying substrate and leave the pool clean and ready to paint.

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-E004 Re-coating an Aged Epoxy Coating with Epotec over Concrete.

ISSUE NO: 03
ISSUE DATE: May 05