

cotec

SURFACE PREPARATION GUIDE



PS-C009

MAINTAINENCE OF BUND OR CHEMICAL RESISTANT COATINGS AND TOPPINGS

INTRODUCTION:

This document discusses the issues often experienced MAINTAINING CHEMICAL BUNDS AND CHEMICAL RESISTANT COATINGS.

DAMAGE

- Damage to the coating or topping (e.g., impact damage or abrasion) must be repaired and reinstated as soon as it occurs to preserve the integrity of the system.
- If the substrate is exposed, then spillage of acidic or alkaline materials can attack the concrete and undercut the coating system.
- Therefore, if damage to the system goes back to the substrate, then the full system of multiple coats must be reinstated.
- Before reinstatement of system proceeds the area in question must be thoroughly cleaned and abraded to remove loose material and give a good key.
- Existing sound coating must have a matt finish, and coating edges feathered back.
- Refer to the coating specification for the area in question and follow the instructions for surface preparation, and application.

NORMAL WEAR AND TEAR

- The coating or topping system must be regularly maintained with respect to normal wear and tear.
- If the coating system is to be re-coated, then the system must be reinstated.
- Before reinstatement of system proceeds the area in question must be thoroughly cleaned and abraded to remove loose material and give a good key.
- Existing sound coating must have a matt finish, and coating edges feathered back.
- Refer to the coating specification for the area in question and follow the instructions for surface preparation, and application.

CLEANING

- To ensure maximum life of bund coating system do not allow chemical deposits to accumulate.
- Wash them off with water within 1 hour - high pressure water washing is recommended.
- This is particularly important with acid-based products.

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