

9.3.15 Final Protective Coating

- A. At the discretion of the Engineer, where it is required to provide a uniform texture to the overall exposed concrete surface, an epoxy filler and protective coating shall be applied, strictly in accordance with the manufacturer's instructions.
- B. In preparation for the protective coating all existing surfaces shall be free from oil, grease, loose particles, decayed matter, moss or algae growth and general curing compounds. All surface contamination and surface laitance must be removed through the use of high pressure water jetting or sand blasting.
- C. Blowholes and areas of substantial pitting shall then be filled with epoxy filler. The mixing and application of this must be in strict accordance with the manufacturer's recommendations.
- D. Coating materials are required to provide in-depth protection against chlorides and carbonation whilst providing excellent abrasion resistance.
- E. The Contractor is required to adhere strictly to the manufacturer's specifications regarding the use, storage, application and safety rules in respect of the approved materials.
- F. The exposed concrete surfaces as agreed with the Engineer shall be coated with 2 coats of a high build solvent free epoxy resin coating in accordance with the manufacturer's instructions and Section 03600 of the specification. The finished coating shall be pinhole free and have a total minimum dry film thickness of 400 microns.

END OF SECTION