



Project: Princesshay , Exeter

Client: The Crown Estate Via Workmann LPP

Main Contractor: Fifields Construction

Date: March - April 2016



The Problem

Underneath several shop canopies there were various signs of concrete deterioration, spalling, cracking and rust staining with some areas of exposed reinforcement



The Solution

Each Defective area was Acoustic Hammer Tested and marked out. Once these areas were fully identified they were then broken out, with hand held breakers to expose in and around the steel reinforcement. Cleaning of the steel reinforcement was then carried out including replacement of any badly corroded reinforcement bars. These areas were then treated with a Steel Protector/primer. Temporary shuttering was erected where required and the application of a Bonding Aid was applied to the existing Concrete surface. Concrete Repair mortar was then applied to the broken out areas, finished with a float to ensure the surface finish matched existing. Once the repairs had cured the shuttering was then removed and made good. An application of Fosroc Dekguard Primer was then applied followed by 2 coats of Fosroc Dekguard S Anti-Carbonation Coating



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Unit 17, Reynolds Park
8 Bell Close
Newnham Industrial Estate
Plymouth
PL7 4FE

E sales@swconcreterepairs.co.uk
W www.swconcreterepairs.co.uk
T 01752 561300
F 01752 605900