

Exwick Flood Defence

Concrete Repair and Joint Renewal

Project: Exwick Flood Relief Channel Repairs

Client: Environment Agency

Concrete Repair & Joint Renewal

Main Contractor: Dawnus Construction

Date: March 2015



The Problem

As part of a routine maintenance programme, defective joint and repair works to concrete side wall were identified at Exwick Relief Channel.



Renewal of Expansion Joints



The Solution

Joints were renewed by raking out the existing joints material and leave clean. Prime surfaces and insertion of Polythene Foam backing strips followed by application of and tooling of polysulphide sealant.

The concrete repairs to side walls was carried out using traditional concrete repair methods. Smaller defects repaired with concrete repairs mortar and larger defects using a polymer modified repair concrete.

Materials used on this project were:

Fosroc Nitro Seal MS100 Sealant

Fosroc Thioflex 600 Sealant

Weber 5 Star Repair Concrete

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