

COMPLETION REPORT

Client : **XXXXX Hospital**

Project Brief : **The Internal Relining of 2 No. Concrete Potable Water Retaining Structures**

Site Address : **North East England**

Site Contact :

System Spec : **3M Scotchkote™ 165PW**
(Formerly Known as COPON Hycote 165PW)

Film Thickness : **1000 Microns**

Covac Supervisor : **Carl Broadley**

Completion Date : **17th April 2009**

Compiled By : **Adrian Emmett**

Covac Ref : **833**

SUMMARY OF WORKS

The Brief

2 No. concrete, potable, water retaining structures located externally at XXXXX Hospital and sized at approximately 8.8m x 7m x 3.8m.

These photographs show the external of the structure:



These photographs show the condition of the internal surfaces of the structure before relining:





These photographs show the ease of which the existing cementitious lining system could be removed (with a finger nail) to reveal the original eroding concrete:



These photographs show the non (WRAS/DWI) approved bitumen which had been painted on the underside of the tank roof of each structure:



PICTORIAL REPORT

This pictorial report combines the refurbishment of both tanks





These photographs show the access to the tanks.



These photographs show the internal surfaces of the tanks having been drained of water, but prior to any work commencing.



These pictures show the internal substrate during preparation b, by our COVAC operatives, thus raising a suitable surface profile for the adherence of the coating system.



These 'close up' images show the blow holes exposed within the concrete.







These photographs show the DWI Approved Cementitious Polymer Modified, Screed and Pore Filler being applied to the concrete surface which was allowed to cure and dry completely for the specified period.







These images show the comparison between the prepared concrete and the application of the DWI Approved Cementitious, Polymer Modified, Screed and Pore Filler.



These images show the DWI Approved, Cementitious, Polymer Modified, Screed and Pore Filler having been fully applied to the concrete internal surfaces.





These photographs show the application of 3M Scotchkote™ 165PW Clear Sealer.



All joints, seams and intricate areas were initially 'stripe coated'. These photographs show the substrates during the 1st full coat of 3M Scotchkote™ 165PW (cream) Solvent Free Polyurethane.



All intricate areas were again 'stripe coated' for a second time, followed by the final application of the 2nd coat of 3M Scotchkote™ 165PW (grey).

