

COMPLETION REPORT

Client : **Manufacturing Company**

Project Brief : **The Internal Refurbishment of 1 No. Chromate Effluent Tank**

Site Address : **Tyne & Wear**

Site Contact : **XXXXXXXXXX**

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

Film Thickness : **1000 Microns**

Covac Supervisor : **Tim Butcher**

Completion Date : **17th July 2009**

Compiled By : **Craig Phillips / David Snell**

Covac Ref : **873**

SUMMARY OF WORKS

The Brief

1 off Chromate Effluent Tank sized at approx:-

3.6m x 2m x 2.1m

The tank is located externally at ground level at XXXXXXXXXXXX, Tyne & Wear.



The tank was internally in a corroded condition due to chemical attack from the ferric sulphate & sodium bisulphite solution. To internally protect the tank from further deterioration a chemical resistant coating system capable of offering long term protection was required.

We, therefore, proposed the following: -

Manual Preparation

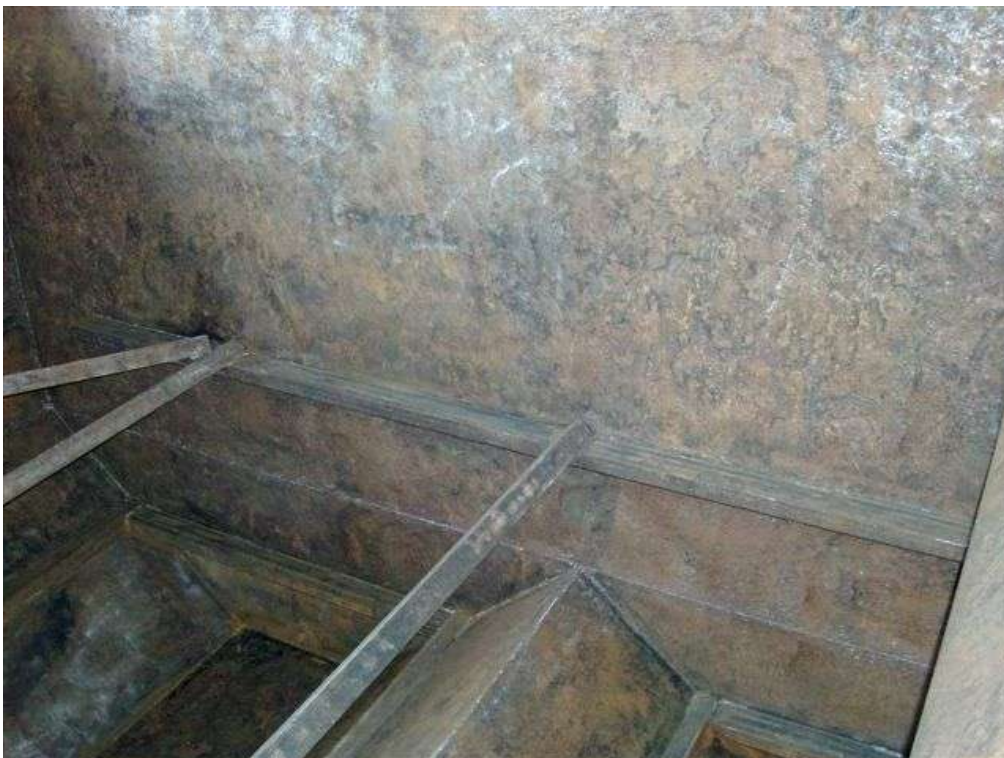
Brush & Roller Application



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







These pictures show the internal substrate of each compartment after being prepared by COVAC Operatives using Tungsten Carbide Scabblatex Units and Scrapers in accordance with Swedish Standard ST2 / BS7079 Part A1 1989.



All seams, joints, bolts etc were initially 'stripe coated' to ensure all intricate areas were coated prior to the 1st full coat of 3M Scotchkote™ 165PW Solvent Free Polyurethane.



These photographs show the substrates having received the 1st coat of 3M Scotchkote™ 165PW (cream) Solvent Free Polyurethane.



All intricate areas were again 'stripe coated' for a second time. The following photographs show the full and final application of the 2nd coat of 3M Scotchkote™ 165PW (grey).



