



Covac Ltd, Unit 7, St. John's Business Park, Rugby Road, Lutterworth, Leicestershire, LE17 4HB.
Tel: +44 (0)1455 556631 • Fax: +44 (0)1455 550872 • Email: info@covac.co.uk • Web: www.covac.co.uk

COMPLETION REPORT

Client : **Financial Corporation**

Project Brief : **The Internal Refurbishment of 23 No. Air Handling Units –
Reduced Document**

Site Address : **Scotland**

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

Film Thickness : **1000 Microns**

Completion Date : **12th May 2006**

Compiled By : **Adrian Emmett**

Covac Ref : **516**



1. SUMMARY OF WORKS

The Brief

23 off AHU floor tray areas of various sizes, the largest being approx:-

AHU -19 - 2.7m x 2m x 0.2m (with associated steelwork)

And the smallest being approx:-

AHU - 1 - 1m x 0.6m x 0.2m

22 of the units were located adjacent to each other within the main plant room & one located in a plant room on a different floor.





All 23 AHU floor trays had previously been internally coated with bitumastic based coating which has now starting to delaminate due to sub-film corrosion, low film build & general deterioration. (See photographs)

We, therefore, propose the following: -

Manual Preparation

Brush & Roller Application

Due to the size of the original report only a selection of units have been included in this sample report.

AIR HANDLING UNIT NO. 1





The above photographs show the internal condition of the AHU, prior to any preparation work being carried out. As the photographs clearly show, the existing Bitumen coatings had failed with signs of progressive corrosion, which in areas was applied up to 30mm in thickness.



Surrounding cowlings and associated steelwork were removed and these photographs show the internal substrate of the units having been manually prepared by COVAC Operatives utilizing tungsten carbide scabblatex units and scrapers, raising a surface profile to the required standard St2/ BS7079 Part A1 1989 as specified in the COPON 11-TB specification.

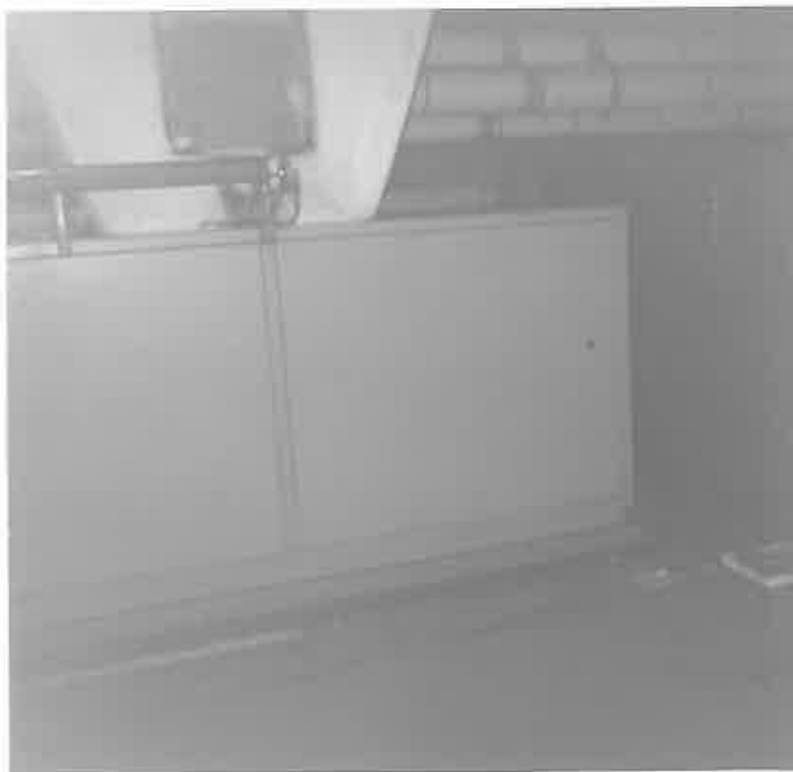


Prior to the 1st Coat of COPON Hycote 165PW, all internal joints were initially stripe coated, covering all seams, joints and flanges etc in conjunction with the use of fibreglass banding due to the leaking seams of the tank utilizing Cream COPON Hycote 165PW Solvent Free Polyurethane.



All seams, joints etc were stripe coated for a second time prior to the full application of COPON Hycote 165PW (grey) in order to achieve a total, nominal dry film thickness of 1000 Microns (1mm), and between 1500-2000 Microns (2mm) over all stripe coated areas.

AIR HANDLING UNIT NO. 4





A



B



C



D

AIR HANDLING UNIT NO. 8





A



B



C



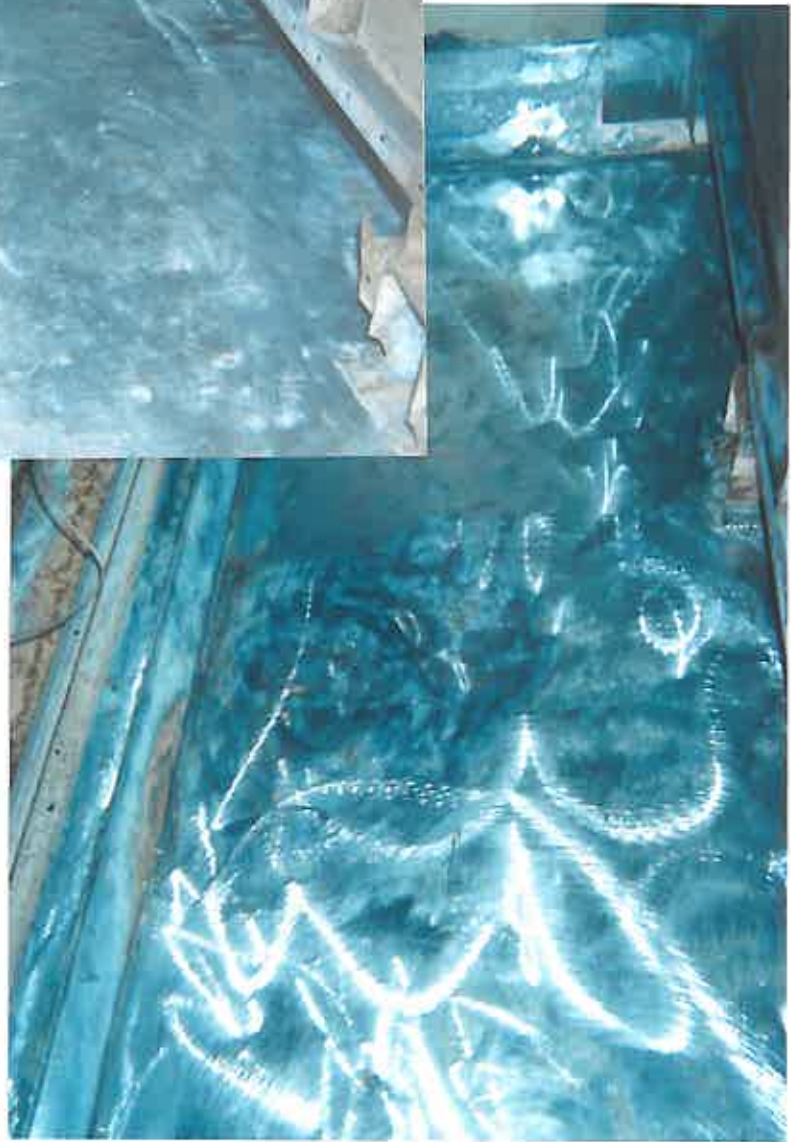
D

AIR HANDLING UNIT NO. 9





A



B



C



D

AIR HANDLING UNIT NO. 12





A



B



C



D

AIR HANDLING UNIT NO. 18





A



B



C



D

AIR HANDLING UNIT NO. 19





A



B



C



D