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## Test Report

Our Ref: GBW/DKA Number 71261 Issue 1 Date 09/06/2008 Page 1 of 3

A/C No: M114

Tested For:-

T I MIDWOOD & COMPANY LIMITED  
Green Lane  
Wardle  
Nantwich  
Cheshire  
CW5 6BJ

### SALT SPRAY TESTING OF TIMCO BLACK INDEX SCREW SAMPLES

#### INTRODUCTION

Finished samples were submitted to the laboratory for Salt Spray Corrosion Resistance Testing in accordance with the relevant specification.

#### RELEVANT INFORMATION

Description:	7 off. Timco Black Index Screw Samples
Finish:	Black Finish
Specification:	Salt Spray Test in accordance with ASTM.B117-07
Test Duration:	Exposure to failure
Submitted By:	Peter Owen
Customer's Order No:	3914
Sample Receipt Date:	06/05/2008

#### RESULTS

##### Salt Spray Test (ASTM B117-07 / BS EN ISO 9227:2006 / DIN.50.021-SS)

The samples were exposed to a neutral 5% Salt Spray for a test period to failure.

##### 24 Hours

No evidence of corrosion or breakdown of the finish.

##### 48 - 144 Hours

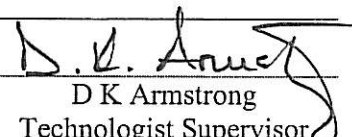
Slight to moderate white zinc corrosion on the threads, the heads show no evidence of corrosion.

REPORT COMPILED BY



G B Withers  
Corrosion Science  
Technician

REPORT APPROVED BY



D K Armstrong  
Technologist Supervisor  
(C & AS)

TESTS MARKED "NOT UKAS ACCREDITED" IN THIS REPORT/CERTIFICATE ARE NOT INCLUDED IN THE UKAS ACCREDITATION SCHEDULE FOR OUR LABORATORY.  
TESTS MARKED 'SC' HAVE BEEN SUBCONTRACTED.  
OPINIONS AND INTERPRETATIONS EXPRESSED HEREIN ARE OUTSIDE THE SCOPE OF UKAS ACCREDITATION.  
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RESULTS IN THIS REPORT RELATE ONLY TO THE ITEMS TESTED.

168 - 648 Hours

Significant white zinc corrosion on the threads, the heads show no evidence of corrosion.

672 - 720 Hours

Significant red ferrous corrosion on one thread and one head showing slight red ferrous corrosion.

792 Hours

Significant red ferrous corrosion on two threads and two heads showing significant red ferrous corrosion.

**CONCLUSION**

The finish applied to the Timco Black Index Screws tested, **withstood** 792 hours Salt Spray Test without formation of red ferrous corrosion.

**End of Report**