



Test Report No: WTH Corrosion 2

Date: 08/02/2021

Testing of: Atlas Heavy Duty friction hinges

Tested to: BS EN 1670:2007 Building hardware. Corrosion resistance  
Requirements and test methods

Prepared for: Nico Manufacturing Ltd

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Test Report No.	WTH Corrosion 2	Page	2	of	9
Testing of	Atlas Heavy Duty friction hinges				
Testing to	BS EN 1670:2007 Building hardware. Corrosion resistance				



## **CONTENTS**

	Page No.
Authorisation	3
Test requested by	4
Details of test	5
Sample pictures pre test	6
Sample pictures 240hrs	7
Sample pictures 480hrs	8
Test results & conclusions	9

Test Report No.	WTH Corrosion 2	Page	3	of	9
Testing of	Atlas Heavy Duty friction hinges				
Testing to	BS EN 1670:2007 Building hardware. Corrosion resistance				



**AUTHORISATION**

Test completed by: D.Kury  
Assisted by:  
Test witnessed by:

Report produced by: D.Kury Position: Senior Test Engineer

Signature:

Date: 02/03/2021

For and on behalf of Nico Manufacturing Ltd Test Laboratory

Report authorised by: M. Franklin

Position: Laboratory Manager

Signature:

Date: 08/03/2021

For and on behalf of Nico Manufacturing Ltd Test Laboratory

Date of issue of report 08/03/2021

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Test Report No.	WTH Corrosion 2	Page	4	of	9
Testing of	Atlas Heavy Duty friction hinges				
Testing to	BS EN 1670:2007 Building hardware. Corrosion resistance				



**TEST REQUESTED BY**

**Origin of test request**

Company Name	Nico Manufacturing Ltd
Company Address	109 Oxford Road Clacton on Sea Essex CO15 3TJ
Contact	Ian Harrison
Contact position	Sales Director

Test Report No.	WTH Corrosion 2	Page	5	of	9
Testing of	Atlas Heavy Duty friction hinges				
Testing to	BS EN 1670:2007 Building hardware. Corrosion resistance				



**DETAILS OF TEST**

Test Specification	BS EN 1670:2007 Building hardware. Corrosion resistance Requirements and test methods
Date samples received	10/01/2021
Date testing started	12/01/2021
Date testing finished	01/02/2021
Job No.	WTH Corrosion 2
Any special requirements	

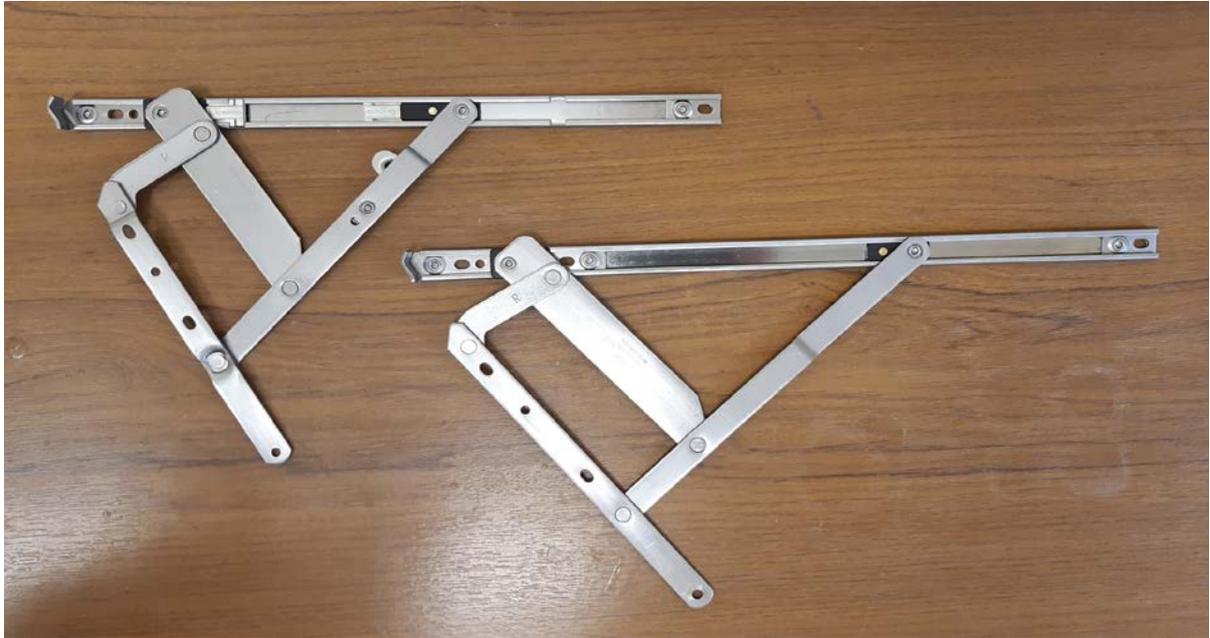
**DETAILS OF SAMPLES**

<b>Item Description</b>	<b>Part number</b>	<b>Finish</b>
Nico Atlas 16" Egress only friction hinge	8680	Stainless steel
Nico Atlas 14" Quad multi function friction hinge	8471	Stainless steel

The results contained in this test report relate only to the particular sample/s tested and to the specific tests carried out as detailed within this report.

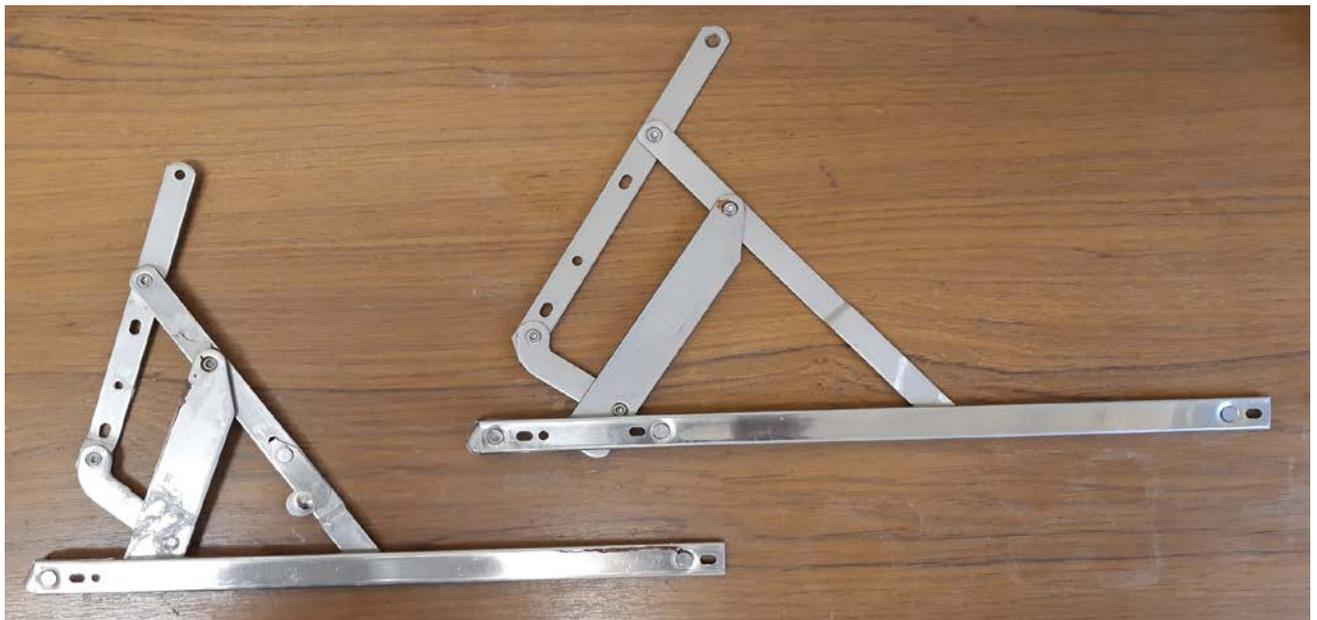
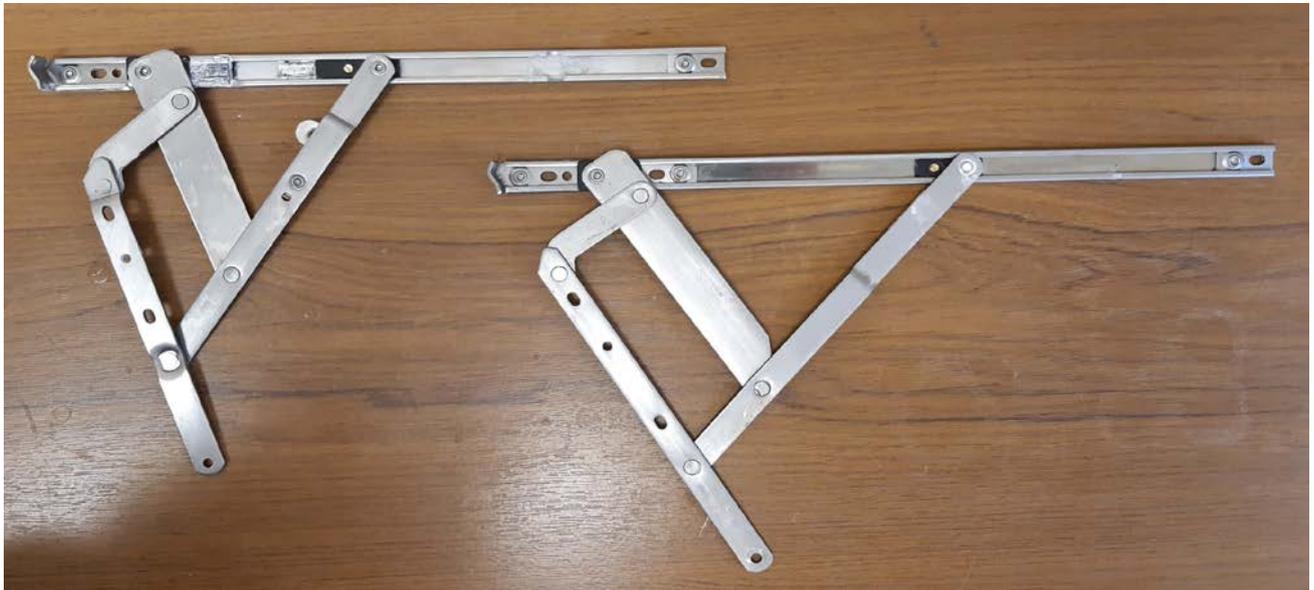


**Samples pre-test**





**Samples at 240hrs**



Test Report No.	WTH Corrosion 2	Page	8	of	9
Testing of	Atlas Heavy Duty friction hinges				
Testing to	BS EN 1670:2007 Building hardware. Corrosion resistance				



**Samples at 480hrs**





**TEST RESULT**

BS EN 1670:2007	Requirement	Test results
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**Nico Atlas 16" Egress only**

<b>Neutral salt spray exposure</b>	Exposure time	480hrs	Pass
	Condition after test	Good	
	Operates satisfactorily	Yes	
	No tarnishing of uncoated surfaces	None	
	No more than 1 spot per 650mm <sup>2</sup> of area on coated surfaces	None	

**Nico 14" Quad multi function**

<b>Neutral salt spray exposure</b>	Exposure time	480hrs	Pass
	Condition after test	Good, some salt deposits around slides	
	Operates satisfactorily	Yes	
	No tarnishing of uncoated surfaces	None	
	No more than 1 spot per 650mm <sup>2</sup> of area on coated surfaces	None	