



Test Report No: WTH Corrosion 3

Date: 16/03/2021

Testing of: Nico Shotbolt systems

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

Prepared for: Nico Manufacturing Ltd

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AUTHORISATION

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

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

Signature: 

Date: 16/03/2021

For and on behalf of Nico Manufacturing Ltd Test Laboratory

Report authorised by: M.Franklin Position: Laboratory Manager

Signature: 

Date: 22/03/2021

For and on behalf of Nico Manufacturing Ltd Test Laboratory

Date of issue of report 22/03/2021

Nico Manufacturing Ltd. Test Laboratory

Oxford Road

Clacton-on-Sea

ESSEX

CO15 3TJ

Telephone +44 (0) 1255 422333

Fax +44 (0) 1255 432909

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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

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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	23/02/2021
Date testing finished	15/03/2021
Job No.	WTH Corrosion 3
Any special requirements	

DETAILS OF SAMPLES

Item Description	Part number	Finish
Nico Mk 1 Gearbox	94225	Supercoat 500
Nico Mk 2 Gearbox	93905	Supercoat 500
Nico shootbolt extension (EXT 4)	93945	Supercoat 500

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





Samples at 480hrs





TEST RESULT

BS EN 1670:2007	Requirement	Test results
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Nico Mk 1 Shootbolt

Neutral salt spray exposure	Exposure time	480hrs	Pass
	Condition after test	Satisfactory	
	Operates satisfactorily	Yes	
	No tarnishing of uncoated surfaces	None	
	No more than 1 spot per 650mm ² of area on coated surfaces	1 spot 1.4mm x 1.0mm	

Nico Mk 2 Shootbolt

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

Nico Shootbolt extension (EXT 4)

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