



BLU™

316 Marine Grade Stainless Steel Hardware

KM070

**Mitre Lever Door Handle
(Unsprung)**

**BS EN 1906
DURABILITY TEST
REPORT**

Conducted by:

**White Technology and
Engineering Ltd**



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TEST REPORT



Title: Lever Handle KM070-316-SSS
Durability Evaluation

Report Number: WTE-21-027

On behalf of: Coastal Specialist Ironmongery
Limited
Global House
Bojea Industrial Estate
Trethowel
St Austell
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PL25 5RJ

Date: 22 July 2021

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Lever Handle KM070-316-SSS Durability Evaluation

Introduction

It was requested that White Technology and Engineering Ltd carry out a durability evaluation of the Coastal Specialist Ironmongery Limited, Lever Handle KM070-316-SSS.

Door handle durability is evaluated using the methods of EN 1906:2012, Building hardware — Lever handles and knob furniture — Requirements and test methods

Coastal Specialist Ironmongery Limited decided that durability grade 7 of EN 1906 should be used which comprises 200,000 cycles.

The results are presented below:

Samples

A sample of the Lever Handle KM070-316-SSS was supplied on the 9 July 2021.

For testing the handle was fitted to a plywood block as specified in EN 1906.

Photographs of the samples are shown in Appendix A.

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Results

The test method was Test 6 of EN 1906.
No other tests from EN 1906 were carried out.

This comprises:

Number of cycles:	200,000
Force L – Downward:	100 N
Force P - Outward:	100 N
Force R - Return:	20 N

The handle was categorised as an unsprung handle.

The handle completed 200,000 operations without concern.

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Summary

A sample of the Coastal Specialist Ironmongery Limited Lever Handle KM070-316-SSS was tested to EN 1906:2012 Test 6, Durability Grade 7.

The handle completed 200,000 operations without concern.

Report authorised by:



Dr Martin White
Director

Date: 22 July 2021

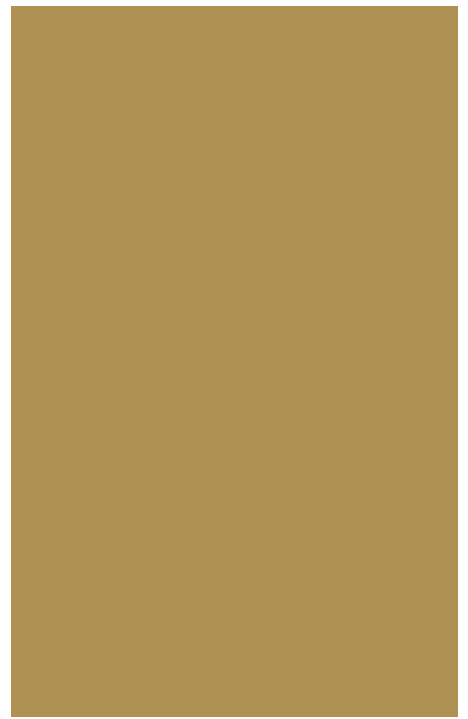
REPORT ENDS

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Appendix A – Photographs



Coastal Specialist Ironmongery Limited Lever Handle KM070-316-SSS



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