

ASSA ABLOY

ASSA ABLOY LIMITED

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TEST REPORT

Reference: TR 291-16

Test of: Yale euro cylinder padlocks

Issue Date: 7th December 2016



2526

Test to: EN12320:2012 clauses 5.4, 5.5.5, 5.5.6 and 5.5.7		
Client Details: ASSA ABLOY UK	Contact: Jayne McGuinness – Yale EMEA Product Management	
Sample Details: Yale euro cylinder padlock Y128/50/132/1/B. Two samples supplied – one with saw tooth key (sample 1), one with flat key (sample 2)		
Samples Received: 9 th November 2016	Date Test Completed: 5 th December 2016	Job Number: 2016-276

Picture of Samples



Flat key sample as received and in good condition

Results

Test / Clause	Requirement	Actual	Assessment
5.4 – Corrosion Resistance	Grade 3 – 96 hours	Sample 1 – 96 hours exposure Operated post test @ 0.196Nm Shackle released unaided	Pass G3
	Grade 4 – 240 hours		
5.5.5 – Resistance to pulling of shackle	Grade 5 – 480 hours	Sample 2 – 480 hours exposure Operated post test @ <0.3Nm Shackle released unaided	Pass G5
	Sample should operate post test with a maximum torque of 2.5Nm and release the shackle		
5.5.6 – Resistance to twisting of shackle	Maximum time allowed – 5 minutes	Sample 1 – 20.196kN Sample 2 – Not tested	Pass G3
	Max load on shackle - 250N		
5.5.7 – Resistance to cutting of shackle	Grade 2 – 100Nm	Sample 1 – 200Nm applied, sample remains secure Sample 2 – Not tested	Pass G3
	Grade 3 – 200Nm		
	Grade 4 – 600Nm		
5.5.7 – Resistance to cutting of shackle	Grade 2 – 15kN	Sample 1 – 38.86kN Sample 2 – Not tested	Pass G3
	Grade 3 – 25kN		
	Grade 4 – 45kN		

Disposal

Samples will be retained for a minimum of one week prior to disposal

Test Engineer:

R Goodwin
Rob Goodwin

Authorised by:

I. Bridge
Ian Bridge (Laboratory Manager)

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The Results obtained relate only to the items tested	Page 1 of 2
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