


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p><b>UKAS</b> TESTING</p> <p>2526</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p><b>ASSA ABLOY Limited</b></p> <p>Issue No: 030 Issue date: 22 December 2020</p>	
	<p>UK Test Laboratory School Street Willenhall WV13 3PW</p>	<p>Contact: Mr I Bridge Tel: +44 (0) 1902 364600 Fax: +44 (0) 1902 364681 E-Mail: <a href="mailto:ian.bridge@assaabloy.com">ian.bridge@assaabloy.com</a> Website: <a href="http://www.assaabloy.co.uk">www.assaabloy.co.uk</a></p>
<p>Testing performed at the above address only</p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>BUILDING HARDWARE - cylinders for locks</p>	Key strength	BS EN 1303:2015
	Durability tests - standard test cycles	BS EN 1303:2015
	Corrosion resistance	BS EN 1303:2015
	Operation at extreme temperatures	BS EN 1303:2015
	Operation of the security mechanism	BS EN 1303:2015
	Torque resistance of plug and/or cylinder	BS EN 1303:2015
	Resistance to drilling	BS EN 1303:2015
	Resistance to attack by chisel	BS EN 1303:2015
	Resistance to attack by twisting	BS EN 1303:2015
	Resistance to attack by plug/cylinder extraction	BS EN 1303:2015
Torque resistance of plug/cylinder relevant to attack resistance	BS EN 1303:2015	
<p>BUILDING HARDWARE - mechanically operated locks and locking plates</p>	Return force of latch bolt	BS EN 12209:2016
	Strength of lever lock key	BS EN 12209:2016
	Strength of bolt action	BS EN 12209:2016
	Minimum follower restoring torque	BS EN 12209:2016



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BUILDING HARDWARE (cont'd) - mechanically operated locks and locking plates	Protection against removal from door	BS EN 12209:2016
	Resistance to side force on latch bolt	BS EN 12209:2016
	Torque to operate the lock	BS EN 12209:2016
	Strength of follower stops	BS EN 12209:2016
	Torque resistance for lockable deadbolt operation by handle / knob	BS EN 12209:2016 Clause 5.5.4
	Durability of latch action without force applied	BS EN 12209:2016
	Durability of latch action with force applied	BS EN 12209:2016
	Durability of deadbolt mechanism	BS EN 12209:2016
	Durability of locking snib mechanism	BS EN 12209:2016
	Door mass verification	BS EN 12209:2016
	Door closing force	BS EN 12209:2016
	Corrosion resistance	BS EN 12209:2016
	Operation at extremes of temperature	BS EN 12209:2016
	Manual locking	BS EN 12209:2016
	Manual locking with intermediate locking positions	BS EN 12209:2016
	Automatically locking deadbolt	BS EN 12209:2016
	Automatically locking latch bolt	BS EN 12209:2016
Resistance to side force on deadbolt	BS EN 12209:2016	
Resistance to drilling and side force on deadbolt	BS EN 12209:2016	
Deadbolt projection measure	BS EN 12209:2016	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BUILDING HARDWARE (cont'd) - mechanically operated locks and locking plates	Torque resistance for lockable deadbolt operation by handle / knob  Strong key attack on locks with internal blocking elements  Resistance to end force on box protected locking plate  Resistance to side force on locking plate  Non-interpassing of keys with just one interval differ	BS EN 12209:2016 Clause 5.11.8  BS EN 12209:2016  BS EN 12209:2016  BS EN 12209:2016  BS EN 12209:2016
BUILDING HARDWARE - locks and latches - mechanically operated locks, latches and locking plates	Return force of latch bolt  Resistance to side load on latch bolt  Torque to operate deadbolt  Strength of normal latch action and stops  Torque resistance of rim lock with lockable handle/knob  Durability of latch action without force applied  Durability of latch action with force applied  Durability of deadbolt mechanism  Durability of locking snib mechanism  Closing force  Corrosion resistance  Operation at extremes of temperature	BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)  BS EN 12209:2003 (withdrawn)



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BUILDING HARDWARE (cont'd) - locks and latches - mechanically operated locks, latches and locking plates	Torque resistance of knob or lever handle on bored lock and latch sets	BS EN 12209:2003 (withdrawn)
	Torque resistance of knob or lever handle on rim night latch	BS EN 12209:2003 (withdrawn)
	Resistance to side load on deadbolt	BS EN 12209:2003 (withdrawn)
	Resistance to drilling and side load on deadbolt	BS EN 12209:2003 (withdrawn)
	Deadbolt projection	BS EN 12209:2003 (withdrawn)
	Resistance to end load	BS EN 12209:2003 (withdrawn)
	Resistance to end load with drilling	BS EN 12209:2003 (withdrawn)
	Resistance to pulling of hook/claw bolt	BS EN 12209:2003 (withdrawn)
	Resistance to disengaging of hook/claw bolt	BS EN 12209:2003 (withdrawn)
	Resistance to forcing of locating device in sliding door locks	BS EN 12209:2003 (withdrawn)
	Resistance to pulling off of knob on bored lock and latch set	BS EN 12209:2003 (withdrawn)
	Resistance to end load on box protected locking plate	BS EN 12209:2003 (withdrawn)
	Resistance to side load on locking plate	BS EN 12209:2003 (withdrawn)
	Resistance to pulling on locking plate	BS EN 12209:2003 (withdrawn)
Resistance to lifting force on locking plate	BS EN 12209:2003 (withdrawn)	
Protection against removal from door	BS EN 12209:2003 (withdrawn)	
Strength of key	BS EN 12209:2003 (withdrawn)	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BUILDING HARDWARE (cont'd) - locks and latches - mechanically operated locks, latches and locking plates	Manual locking	BS EN 12209:2003 (withdrawn)
	Manual locking with intermediate locking positions	BS EN 12209:2003 (withdrawn)
	Automatically locking latch bolt	BS EN 12209:2003 (withdrawn)
	Automatically locking deadbolt	BS EN 12209:2003 (withdrawn)
	Torque to withdraw the latch bolt with key	BS EN 12209:2003 (withdrawn)
	Torque to withdraw latch bolt with handle	BS EN 12209:2003 (withdrawn)
	Strength of bolt actions	BS EN 12209:2003 (withdrawn)
	Minimum follower restoring torque	BS EN 12209:2003 (withdrawn)
Non-interpassing of keys with just one interval differ	BS EN 12209:2003 (withdrawn)	
LOCK ASSEMBLIES operated by key from both the inside and outside of the door	Return force of latch bolt	BS 3621:2017 BS EN 12209:2016
	Strength of lever lock key	BS 3621:2017 BS EN 12209:2016
	Strength of bolt action	BS 3621:2017 BS EN 12209:2016
	Minimum follower restoring torque	BS 3621:2017 BS EN 12209:2016
	Protection against removal from door	BS 3621:2017 BS EN 12209:2016
	Resistance to side force on latch bolt	BS 3621:2017 BS EN 12209:2016
	Torque to operate the lock	BS 3621:2017 BS EN 12209:2016
Strength of follower stops	BS 3621:2017 BS EN 12209:2016	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
LOCK ASSEMBLIES (cont'd) operated by key from both the inside and outside of the door	Torque resistance for lockable deadbolt operation by handle / knob	BS 3621:2017 BS EN 12209:2016 Clause 5.5.4
	Durability of latch action with force applied	BS 3621:2017 BS EN 12209:2016
	Durability of deadbolt mechanism	BS 3621:2017 BS EN 12209:2016
	Durability of locking snib mechanism	BS 3621:2017 BS EN 12209:2016
	Door closing force	BS 3621:2017 BS EN 12209:2016
	Corrosion resistance	BS 3621:2017 BS EN 12209:2016
	Operation at extremes of temperature	BS 3621:2017 BS EN 12209:2016
	Manual locking	BS 3621:2017 BS EN 12209:2016
	Manual locking with intermediate locking positions	BS 3621:2017 BS EN 12209:2016
	Automatically locking deadbolt	BS 3621:2017 BS EN 12209:2016
	Automatically locking latch bolt	BS 3621:2017 BS EN 12209:2016
	Resistance to drilling and side force on deadbolt	BS 3621:2017 BS EN 12209:2016
	Deadbolt projection measure	BS 3621:2017 BS EN 12209:2016
Resistance to disengaging force with drilling (linear operating deadbolts only)	BS 3621:2017 BS EN 12209:2016	
Resistance to forcing of locating device with drill protection in sliding door locks	BS 3621:2017 BS EN 12209:2016	



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LOCK ASSEMBLIES (cont'd) operated by key from both the inside and outside of the door	Torque resistance for lockable deadbolt operation by handle / knob	BS 3621:2017 BS EN 12209:2016 Clause 5.11.8
	Strong key attack on locks with internal blocking elements	BS 3621:2017 BS EN 12209:2016
	Resistance to end force on box protected locking plate	BS 3621:2017 BS EN 12209:2016
	Resistance to side force on locking plate	BS 3621:2017 BS EN 12209:2016
	Resistance to pulling on locking plate	BS 3621:2017 BS EN 12209:2016
	Resistance to lifting force on locking plate	BS 3621:2017 BS EN 12209:2016
	Non-interpassing of keys with just one interval differ	BS 3621:2017 BS EN 12209:2016
	Key strength	BS 3621:2017 BS EN 1303:2015
	Durability tests - standard test cycles	BS 3621:2017 BS EN 1303:2015
	Corrosion resistance	BS 3621:2017 BS EN 1303:2015
	Operation at extreme temperatures	BS 3621:2017 BS EN 1303:2015
	Operation of the security mechanism	BS 3621:2017 BS EN 1303:2015
	Torque resistance of plug and/or cylinder	BS 3621:2017 BS EN 1303:2015
Resistance to drilling	BS 3621:2017 BS EN 1303:2015	
Resistance to attack by chisel	BS 3621:2017 BS EN 1303:2015	
Resistance to attack by twisting	BS 3621:2017 BS EN 1303:2015	



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LOCK ASSEMBLIES (cont'd) operated by key from both the inside and outside of the door	Resistance to attack by plug/cylinder extraction  Torque resistance of plug/cylinder relevant to attack resistance  Security hardware and cylinder test - Part 1 - Part 2	BS 3621:2017 BS EN 1303:2015  BS 3621:2017 BS EN 1303:2015  BS 3621:2017 PAS 24:2016
THIEF RESISTANT LOCK ASSEMBLIES - key egress - keyless egress	Durability of deadbolt mechanism  Durability of latch action with force applied  Resistance to end load  Resistance to end load with drilling  Strength of key  Manual locking  Manual locking with intermediate locking positions  Automatically locking deadbolt  Automatically locking latch bolt	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)





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THIEF RESISTANT LOCK ASSEMBLIES (cont'd) - key egress - keyless egress	Torque to withdraw the latch bolt with key	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)
	Torque to withdraw latch bolt with handle	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)
	Strength of bolt actions	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)
	Minimum follower restoring torque	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 12209:2003 (withdrawn)
	Key strength	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)
	Durability tests	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)
	Corrosion resistance and temperature	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)
	Corrosion resistance (Test of operation at extremes of temperatures)	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)
	Operation of the security mechanism	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)
	Torque resistance of plug and/or cylinder	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)
Resistance to drilling	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)	
Resistance to attack by chisel	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)	



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THIEF RESISTANT LOCK ASSEMBLIES (cont'd) - key egress - keyless egress	Resistance to attack by twisting  Resistance to attack by plug/cylinder extraction  Security hardware and cylinder test - Part 1 - Part 2	BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) BS EN 1303:2005 (withdrawn)  BS 3621:2007 (withdrawn) BS 8621:2007 (withdrawn) PAS 24:2007 (withdrawn)
BUILDING HARDWARE - padlocks and padlock fittings	Operational unlocking  Key strength  Durability  Corrosion resistance  Non-interpassing of keys  Resistance to attack by plug / cylinder extraction  Torque resistance of cylinder plug  Resistance to pulling of shackle and staple  Resistance to twisting of shackle and staple  Resistance to cutting of shackle and staple  Shackle accessibility check  Staple accessibility check  Resistance to impact at low temperature  Drill resistance  Sawing resistance  Manual attack	BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012  BS EN 12320:2012



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BUILDING HARDWARE (cont'd) - padlocks and padlock fittings	Tensile test for padlocks	Documented In-House Method No LTM 002
BUILDING HARDWARE - single-axis hinges	Measurements Load-deformation Overload Shear strength Endurance Corrosion resistance Shear strength with hinge pin removed	BS EN 1935:2002 BS EN 1935:2002 BS EN 1935:2002 BS EN 1935:2002 BS EN 1935:2002 BS EN 1935:2002 BS EN 1935:2002 Annex C.4
BUILDING HARDWARE - lever handles and knob furniture	Check of spindle and fastening elements Rotational torque strength Axial strength of lock furniture or latch furniture and fixing Free play and safety Free angular movement or misalignment Torque of return mechanism Durability of mechanism Corrosion resistance	BS EN 1906:2012 BS EN 1906:2012 BS EN 1906:2012 BS EN 1906:2012 BS EN 1906:2012 BS EN 1906:2012 BS EN 1906:2012 BS EN 1906:2012
BUILDING HARDWARE - emergency exit devices operated by a push pad	Temperature test Corrosion test Release Re-engaging	BS EN 179:2008 BS EN 179:2008 BS EN 179:2008 BS EN 179:2008



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BUILDING HARDWARE (cont'd) - emergency exit devices operated by a push pad	Durability (excluding devices with additional deadbolt)  Abuse resistance - operating element  Abuse resistance - vertical rods  Security	BS EN 179:2008  BS EN 179:2008  BS EN 179:2008  BS EN 179:2008
BUILDING HARDWARE - panic exit devices operated by a horizontal bar	Temperature test  Corrosion test  Release  Re-engaging  Durability (excluding devices with additional deadbolt)  Abuse resistance - bar  Abuse resistance - vertical rods  Security	BS EN 1125:2008  BS EN 1125:2008  BS EN 1125:2008  BS EN 1125:2008  BS EN 1125:2008  BS EN 1125:2008  BS EN 1125:2008
EXTERNAL DOORSETS - single and double leaf - single swing - hinged - inward and outward opening - with or without integral side panels and fanlights	Manipulation test Infill medium removal - manual test Infill medium removal - mechanical test Manual cutting test Mechanical loading test Manual check test Soft body impact test Hard body impact test Security hardware and cylinder test - Part 1 - Part 2	PAS 24:2012 (withdrawn)



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<b>DOORSETS</b> - single and double leaf - single and double swing - hinged - pivot - stable - with or without integral side panels and fanlights	Manipulation test Infill medium removal - manual test Infill medium removal - mechanical test Manual cutting test Mechanical loading test Manual check test Soft body impact test Hard body impact test Security hardware and cylinder test - Part 1 - Part 2	PAS 24:2016
<b>WINDOWS and DOORS</b>	Weathertightness  Air permeability  Watertightness  Resistance to wind load	BS 6375-1:2015 + A1:2016  BS 6375-1:2015 + A1:2016 BS EN 1026:2016 BS EN 1026:2000 (withdrawn)  BS 6375-1:2015 + A1:2016 BS EN 1027:2016 BS EN 1027:2000 (withdrawn)  BS 6375-1:2015 + A1:2016 BS EN 12211:2016 BS EN 12211:2000 (withdrawn)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WINDOWS: SINGULAR and MULTILIGHT - top hung (open out), - side hung (open in and open out), - bottom hung (open in), butt hinged - top and side hung (open out), projected - top hung fully reversible - tilt and turn and turn and tilt - vertical sliding - fixed and dummy vents - double opening (French windows)	Manipulation test Infill medium removal - manual test Infill medium removal - mechanical test Mechanical loading test Manual check test	PAS 24:2012 (withdrawn)
WINDOWS: SINGULAR and MULTILIGHT - top hung, side hung, bottom hung, butt hinged - top and side hung projected - top hung and side hung fully reversible - tilt and turn and turn and tilt - vertical and horizontal sliding - fixed and fixed casements (dummy vents) - parallel opening - double opening (French windows) - vertical and horizontal pivot	Manipulation test Infill medium removal - manual test Infill medium removal - mechanical test Mechanical loading test Manual check test	PAS 24:2016
END		