

ASSA ABLOY AUSTRALIA

## **TEST REPORT 2012059-10**

**Welded  
Sliding Security Screen Door (Small Diamond)  
Sample Number – 145984-3**

**FOR**

**Prowler Proof**



NATA Accredited Laboratory  
Number: 14426

Accredited for compliance with ISO/IEC  
17025

Date of issue: 12/09/2012

# ASSA ABLOY Australia

## Test Report Sliding Security Screen Door

<b>Test Report Number:</b>	2012059-10	<b>Project Number:</b>	10541
<b>Manufactured By:</b>	Prowler Proof	<b>Date of Submission:</b>	24/09/2012
<b>Tested By:</b>	A Sterrenberg and C Horton	<b>Date:</b>	24/09/2012
<b>Certified By:</b>	A Sterrenberg	<b>Date:</b>	24/09/2012
<b>Witnessed By:</b>	Michael Henry	<b>Date:</b>	24/09/2012

### Details of Test Door

<b>Type:</b>	Sliding security screen door
<b>Make or Model:</b>	Welded – Small Diamond
<b>Sample Number:</b>	145984-3
<b>Frame Size:</b>	2040mm x 1260mm
<b>Framing Material:</b>	Pinus Radiata
<b>Constructional Description of Test Security Sliding Door:</b>	
Sliding security screen door with infill welded to frame. Frame corners welded	

### Details of Test door Infill

<b>Type and Fabrication Method:</b>	Extruded and expanded aluminium diamond grille
<b>Manufacturer's Name / Part Number:</b>	Prowler Proof – PPSD125
<b>Type 1 Infill</b>	
<b>1) Number of Intersected Strands in a 150mm Circle:</b>	12
<b>2) Breaking Force in Shear of One Strand (min 3kN):</b>	3.93
<b>Multiplication of Above Points 1 and 2 (min 30kN):</b>	47.18

*(Above details supplied by customer not by testing authority)*

## Test Report Sliding Security Screen Door

### Dynamic Impact Test – AS 5039/5041

Measurement Before Impact Test at Impact Point (datum reading):			
Test	Remarks	Pass	Fail
Impact One:	Grille secure in frame.	✓	-
Impact Two:	Grille secure in frame.	✓	-
Impact Three:	Grille secure in frame.	✓	-
Impact Four:	Grille secure in frame.	✓	-
Impact Five:	Grille secure in frame.	✓	-
150mm Diameter Probe test using R.M.F:	-	✓	-
Probe test:	-	✓	-

### Jemmy Tests – AS 5039/5041

Location	Remarks	Pass	Fail
Centre Locking Point:	Locking point secure.	✓	-
Bottom Locking Point:	Locking point secure.	✓	-
Top Locking Point:	Locking point secure.	✓	-

### Infill Pull Tests – AS 5039/5041

Location	A 450mm Maximum	B 150mm Maximum	C 100x100mm Maximum	D	E	Pass	Fail
Horizontal, Locking point (2.0kN):	✓	✓	✓	✓	✓	✓	-
Centre of Infill (1.5kN):	✓	✓	✓	✓	✓	✓	-
Centre of Locking side (1.5kN):	✓	✓	✓	✓	✓	✓	-
Centre of Non-Locking Side (1.5kN):	✓	✓	✓	✓	✓	✓	-
Top Rail Centre (1.5kN @ 18°):	✓	✓	✓	✓	✓	✓	-
Bottom Rail Centre (2.0 kN):	✓	✓	✓	✓	✓	✓	-
Bottom Non-Locking Corner (1.5kN @ 45° + 18°):	✓	✓	✓	✓	✓	✓	-

A - Maximum size of any gap between grille and grill frame or grille frame and door frame under load (dynamic).

B - Maximum size of any gap between grille and grill frame or grille frame and door frame after load (static).

C - The size of any gap caused by the infill breaking away from the security grille framing.

D - Whether the grille remained in a fixed position.

E - Whether the locking device maintained the door in a locked position.

**Overall Test**      **Pass**

**Remarks:**

Impact test - Pass

Jemmy test - Pass

Pull test - Pass

This signature indicates that testing has been conducted in accordance to the current AS 5039-2003, and test results reflect the test findings.

Authorised Signature .....

Print Name .....

Date .....

(Refer QP4.1.2.2.1 "Position Requirements Procedure")

Accredited for compliance with ISO/IEC 17025



**Identification Details for Security Sliding Door**  
**Submitted for Type Testing in Accordance to AS 5039/5041**  
(Informative)

**General**

<b>Model Number / Name:</b>	Welded SD
<b>Sample Number:</b>	145984-3
<b>Manufactured By:</b>	Gershwin Pty Ltd trading as Prowler Proof
<b>Date of Submission:</b>	11/09/12
<b>Description:</b>	Sliding security screen door
<b>DRAWINGS: COMPLETE ATTACHED SHEETS</b> (To show additional specific details of door construction such as internal stiffening, hinging, etc., attach further sheets as necessary)	

**Framing Section**

<b>Type:</b>	Extruded aluminium		
<b>Manufacturer's-</b>	<b>Name:</b>	Prowler Proof	<b>Section Number:</b> STD
<b>Attached Dimensional Drawing-</b>	<b>Number:</b>	-	<b>Issue:</b> -
<b>Material Type and Grade:</b>	Aluminium 6060-T5		
<b>Surface Finish:</b>	Powder coated		
<b>Mass per Metre Length (kg):</b>	-		
<b>Mounting Frame Material:</b>	See attached CAD drawings		
(Attach drawings if necessary)			

**Corner Stake – N/A Welded Corners****Locks**

<b>Type:</b> (Description of mechanism including cylinder)	Lockwood 8653 triple point security door with Lockwood anti drill euro 5-pin cylinder		
<b>Manufacturer's-</b>	<b>Name:</b>	Assa Abloy	<b>Part Number:</b> 8653
<b>Construction Material-</b>	<b>Body:</b>	Cast zinc	<b>Striker:</b> Sintered SS
<b>Number of Locking Points:</b>	Three (3)		
<b>Handle (furniture) Identification:</b>	8653 Lock furniture		
<b>Means of Mounting:</b>	As per manufacturer's instruction		
<b>Mounting Location:</b>	See attached CAD drawings		

**Infill**

<b>Type and Fabrication Method:</b>	Small Diamond Grille										
<b>Manufacturer's-</b>	<b>Name:</b> Prowler Proof	<b>Part Number:</b> PSD125									
<b>Attached Dimensional Drawing-</b>	<b>Number:</b> -	<b>Issue:</b> -									
<b>Material Type and Grade:</b>	Aluminium 6063-T5										
<b>Surface Finish:</b>	Powder coated										
<b>Diameter of Type 3 Infill:</b>	See attached										
<b>Means of Securing:</b>	<table border="1"> <tr> <td>Weld</td> <td><input checked="" type="checkbox"/></td> <td>Screw</td> <td><input type="checkbox"/></td> <td>Rivet</td> <td><input type="checkbox"/></td> <td>Other</td> <td><input type="checkbox"/></td> </tr> </table>	Weld	<input checked="" type="checkbox"/>	Screw	<input type="checkbox"/>	Rivet	<input type="checkbox"/>	Other	<input type="checkbox"/>		
Weld	<input checked="" type="checkbox"/>	Screw	<input type="checkbox"/>	Rivet	<input type="checkbox"/>	Other	<input type="checkbox"/>				
(If means of securing is OTHER, submit full details on a separate sheet)											
<b><u>Weld Details:</u></b>											
<b>Type of Weld and Pattern:</b>	Welded – double welded in corners then every second contact point										
(Attach drawings if necessary)											

**Track**

<b>Type:</b>	Sill Track – AL6060T5 Head track – 25x25mm AL6060T5												
<b>Manufacturer's-</b>	<b>Name:</b> -	<b>Part Number:</b> Sill – 100100 Head - 100225											
<b>Attached Dimensional Drawing-</b>	<b>Number:</b> AS5039-SLLD SD2001	<b>Issue:</b> 11/11/2012											
<b>Material Type and Grade:</b>	Aluminium 6060t5												
<b>Surface Finish:</b>	Powdercoat												
<b><u>Fastener Details:</u></b>													
<b>Type:</b> Assy Pan Head AW20 4.5x25mm	<b>Part Number:</b>												
<b>Material</b>	<table border="1"> <tr> <td>Alum</td> <td><input type="checkbox"/></td> <td>St.Steel</td> <td><input type="checkbox"/></td> <td>Monel</td> <td><input type="checkbox"/></td> <td>Steel</td> <td><input checked="" type="checkbox"/></td> <td>OTHER</td> <td><input type="checkbox"/></td> </tr> </table>	Alum	<input type="checkbox"/>	St.Steel	<input type="checkbox"/>	Monel	<input type="checkbox"/>	Steel	<input checked="" type="checkbox"/>	OTHER	<input type="checkbox"/>		
Alum	<input type="checkbox"/>	St.Steel	<input type="checkbox"/>	Monel	<input type="checkbox"/>	Steel	<input checked="" type="checkbox"/>	OTHER	<input type="checkbox"/>				
<b>Surface Finish:</b>	Zn plate												
<b>Length and Diameter:</b>	4.5x25mm												
<b>Number Used and Location:</b>	See attached CAD drawings												
(Attach drawings if necessary)													

**Interlock**

<b>Type:</b>	Interlock HD 3mm		
<b>Manufacturer's-</b>	<b>Name:</b>	-	<b>Part Number:</b> 102387
<b>Attached Dimensional Drawing-</b>	<b>Number:</b>	AS5039-SLLD SD1000	<b>Issue:</b> 11/11/2012
<b>Material Type and Grade:</b>	AL6060 T5		
<b>Surface Finish:</b>	Powdercoat		
<b><u>Fastener Details:</u></b>			
<b>Type:</b>	Tapping screw DIN ISO 7049 - ST3,5 x 25 - C - Z		
	ASSY-Pan Head AW20 4.5x25mm		
	<b>Part Number:</b>	100641	
<b>Material</b>	Alum	St.Steel	Monel
<b>Surface Finish:</b>	-		
<b>Length and Diameter:</b>	3.5x25mm / 4.5x25mm		
<b>Number Used and Location:</b>	See attached		
(Attach drawings if necessary)			

**Rollers**

<b>Type:</b>	Speed Fit off set roller		
<b>Manufacturer's-</b>	<b>Name:</b>	Lincoln Sentry	<b>Part Number:</b> 3305206
<b>Attached Dimensional Drawing-</b>	<b>Number:</b>	-	<b>Issue:</b> -
<b>Number Used and Location:</b>	4 total, 2 top and 2 bottom		
(Attach drawings if necessary)			

**Lock Stile Receiver Channel**

<b>Type:</b>	U Channel - 25x20mm		
<b>Manufacturer's-</b>	<b>Name:</b>		<b>Part Number:</b> 100188
<b>Attached Dimensional Drawing-</b>	<b>Number:</b>	AS5039-SLLD SD1000	<b>Issue:</b> 11/11/2012
<b>Material Type and Grade:</b>	AL6060 T5		
<b>Surface Finish:</b>	Mill		

<b>Manufactured By:</b>	Prowler Proof
<b>Sample Number:</b>	145984-4
<b>Size of Door and Location of Locking Points, Rollers and Mid-Rail – See attached CAD drawing WDSD - Sliding Door Testing Sample</b>	
<b>Means of Securing Infill to Framing, Location of Welds / Fasteners - WDSD - SnapLock Small Diamond Sliding Door</b>	

End

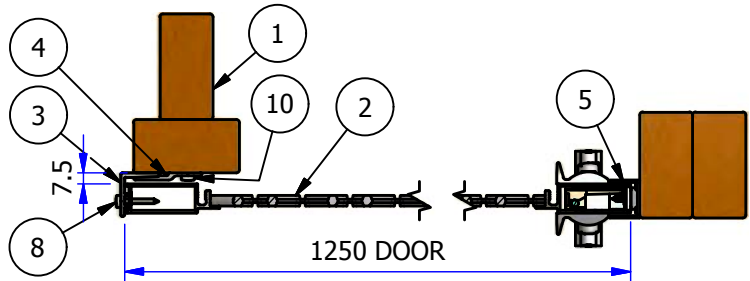


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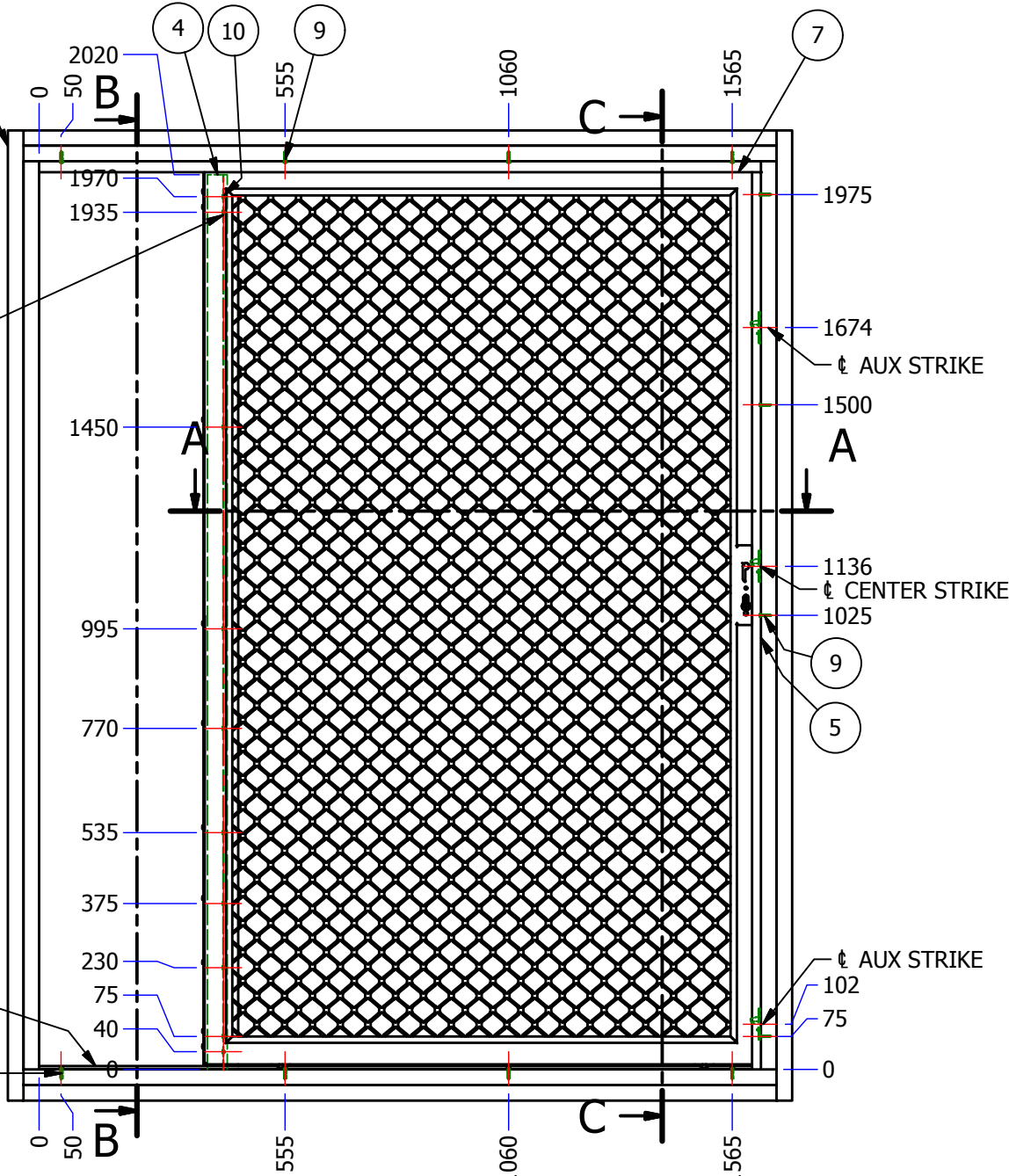
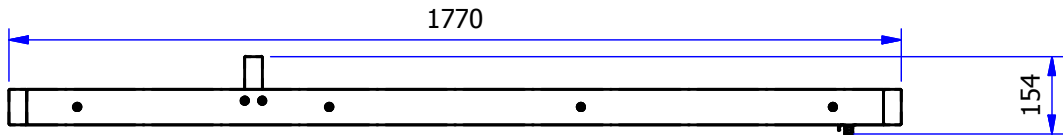
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C

D

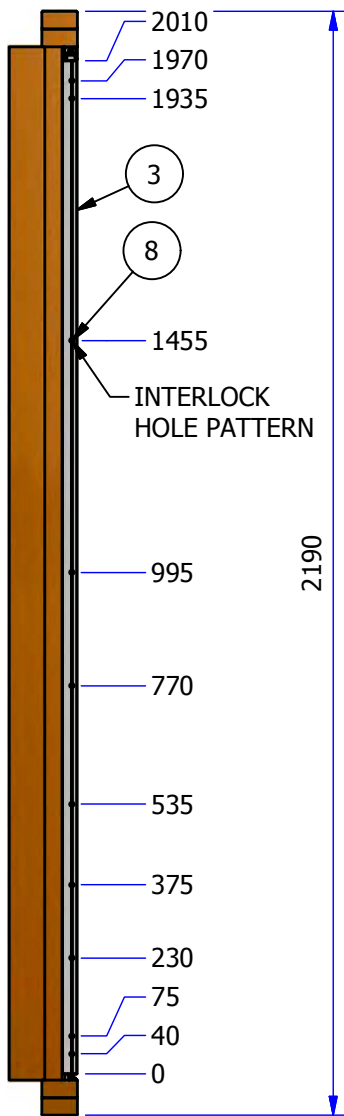


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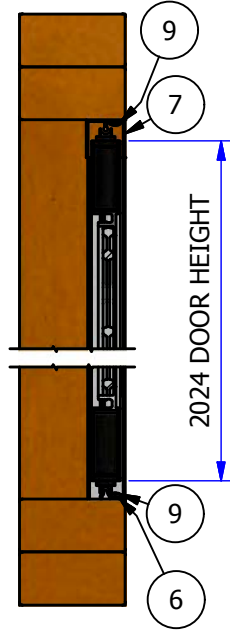


FRONT VIEW 1 ( 1 : 15 )

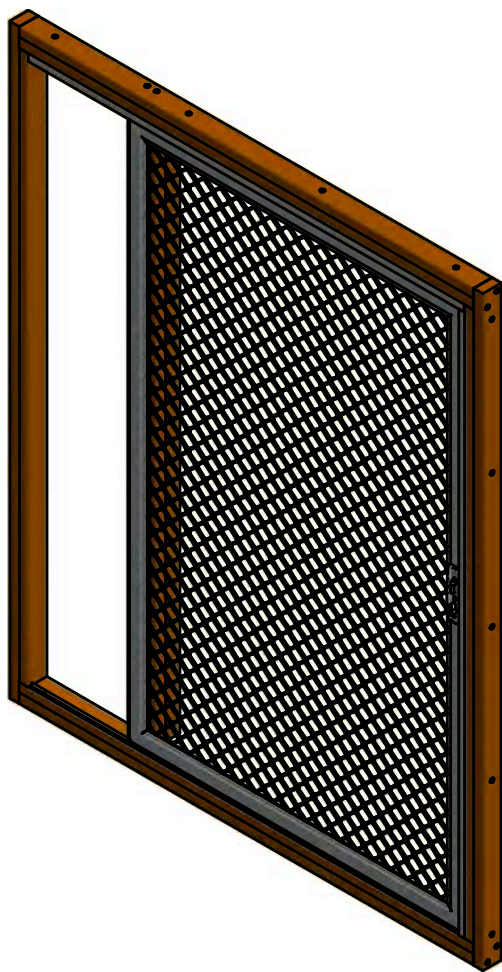
BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	STOCK NO./DESC.	MATERIAL	LENGTH
1	1	SLIDING DOOR - PINE TEST FRAME	AS5039-WDSD SD2004		
2	1	WDSD- Standard Small Dimond Sample Sliding Door	AS5039-WDSD SD2001		
3	1	Interlock HD Door	102190	Alu 6060	2010
4	1	Interlock HD 3mm	102387	Al 6060 T5	2020
5	1	U Channel - 25x20mm	100188	Al 6060 T5	2025
6	1	Sill Track	100100	Al 6060 T5	1627.5
7	1	Sliding Head Track - 25x25mm	100225	Al 6060 T5	1630
8	10	Zebra Pias-Pan Head AW20 4.2x25mm	100640	Steel, Mild	
9	12	Tapping screw DIN ISO 7049 - ST3,5 x 25 - C - Z		Generic	
10	10	ASSY-Pan Head AW20 4.5x25mm	100641	Mild Steel	



B-B ( 1 : 15 )



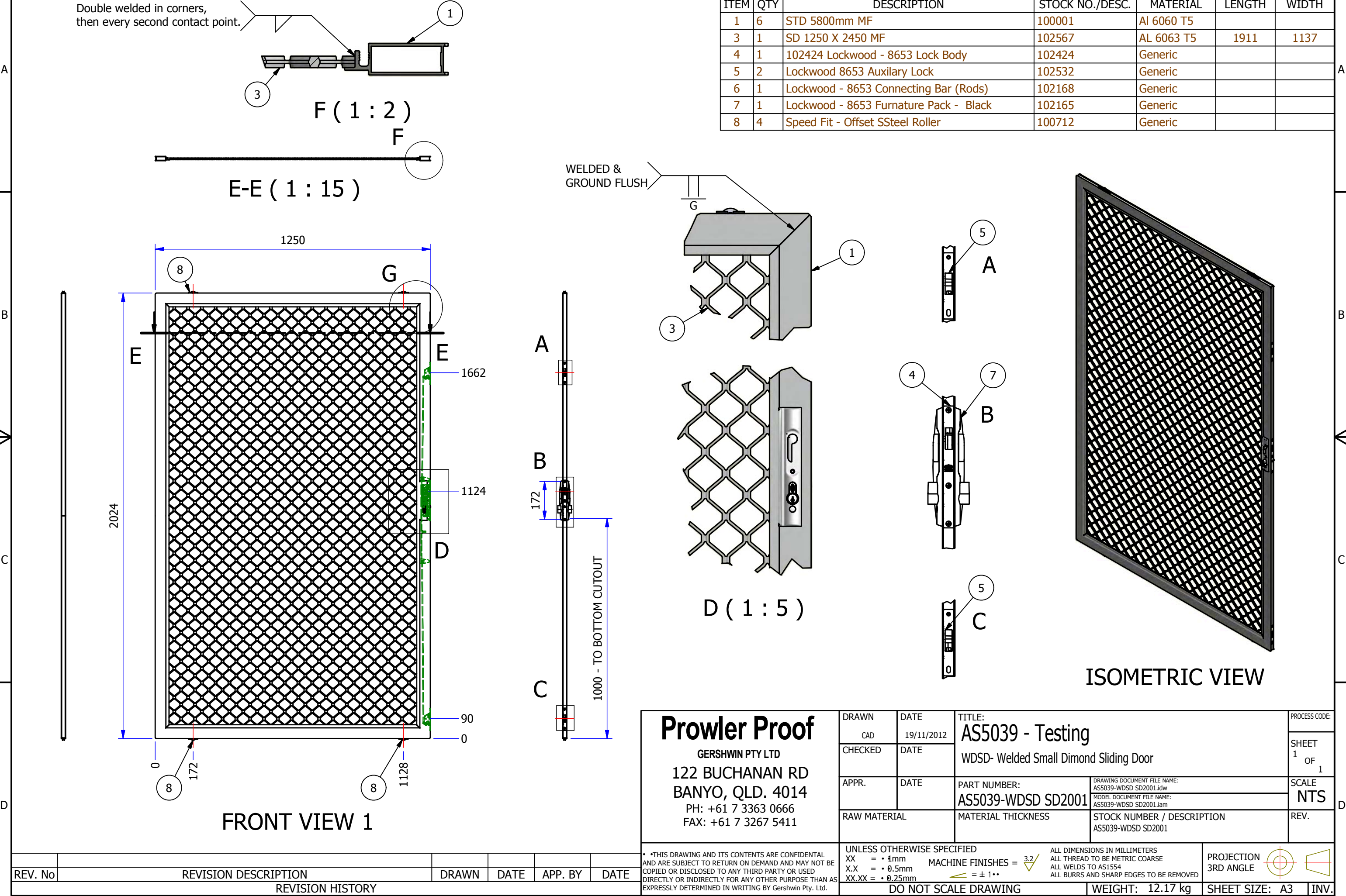
C-C ( 1 : 5 )



ISOMETRIC VIEW

<b>Prowler Proof</b> GERSHWIN PTY LTD 122 BUCHANAN RD BANYO, QLD. 4014 PH: +61 7 3363 0666 FAX: +61 7 3267 5411		DRAWN CAD	DATE 19/11/2012	TITLE: <b>AS5039 - Testing</b> WDSD- Sliding Door Testing Sample		PROCESS CODE:
		CHECKED	DATE			SHEET 1 OF 1
		APPR.	DATE	PART NUMBER: <b>AS5039-WDSD SD1000</b>	DRAWING DOCUMENT FILE NAME: AS5039-WDSD SD1000 A3.idw MODEL DOCUMENT FILE NAME: AS5039-WDSD SD1000.ipt	SCALE NTS
		RAW MATERIAL	MATERIAL THICKNESS	STOCK NUMBER / DESCRIPTION		REV.
• THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE SUBJECT TO RETURN ON DEMAND AND MAY NOT BE COPIED OR DISCLOSED TO ANY THIRD PARTY OR USED DIRECTLY OR INDIRECTLY FOR ANY OTHER PURPOSE THAN AS EXPRESSLY DETERMINED IN WRITING BY Gershwin Pty. Ltd.		UNLESS OTHERWISE SPECIFIED XX = • 1mm X.X = • 0.5mm XX.XX = • 0.25mm MACHINE FINISHES = 3.2/		ALL DIMENSIONS IN MILLIMETERS ALL THREAD TO BE METRIC COARSE ALL WELDS TO AS1554 ALL BURRS AND SHARP EDGES TO BE REMOVED		PROJECTION 3RD ANGLE
DO NOT SCALE DRAWING		WEIGHT: 44.02 kg		SHEET SIZE: A3		INV.

REV. No	REVISION DESCRIPTION	DRAWN	DATE	APP. BY	DATE
1	REVISION HISTORY				



BILL OF MATERIALS						
ITEM	QTY	DESCRIPTION	STOCK NO./DESC.	MATERIAL	LENGTH	WIDTH
1	6	STD 5800mm MF	100001	Al 6060 T5		
3	1	SD 1250 X 2450 MF	102567	AL 6063 T5	1911	1137
4	1	102424 Lockwood - 8653 Lock Body	102424	Generic		
5	2	Lockwood 8653 Auxiliary Lock	102532	Generic		
6	1	Lockwood - 8653 Connecting Bar (Rods)	102168	Generic		
7	1	Lockwood - 8653 Furnature Pack - Black	102165	Generic		
8	4	Speed Fit - Offset SSteel Roller	100712	Generic		

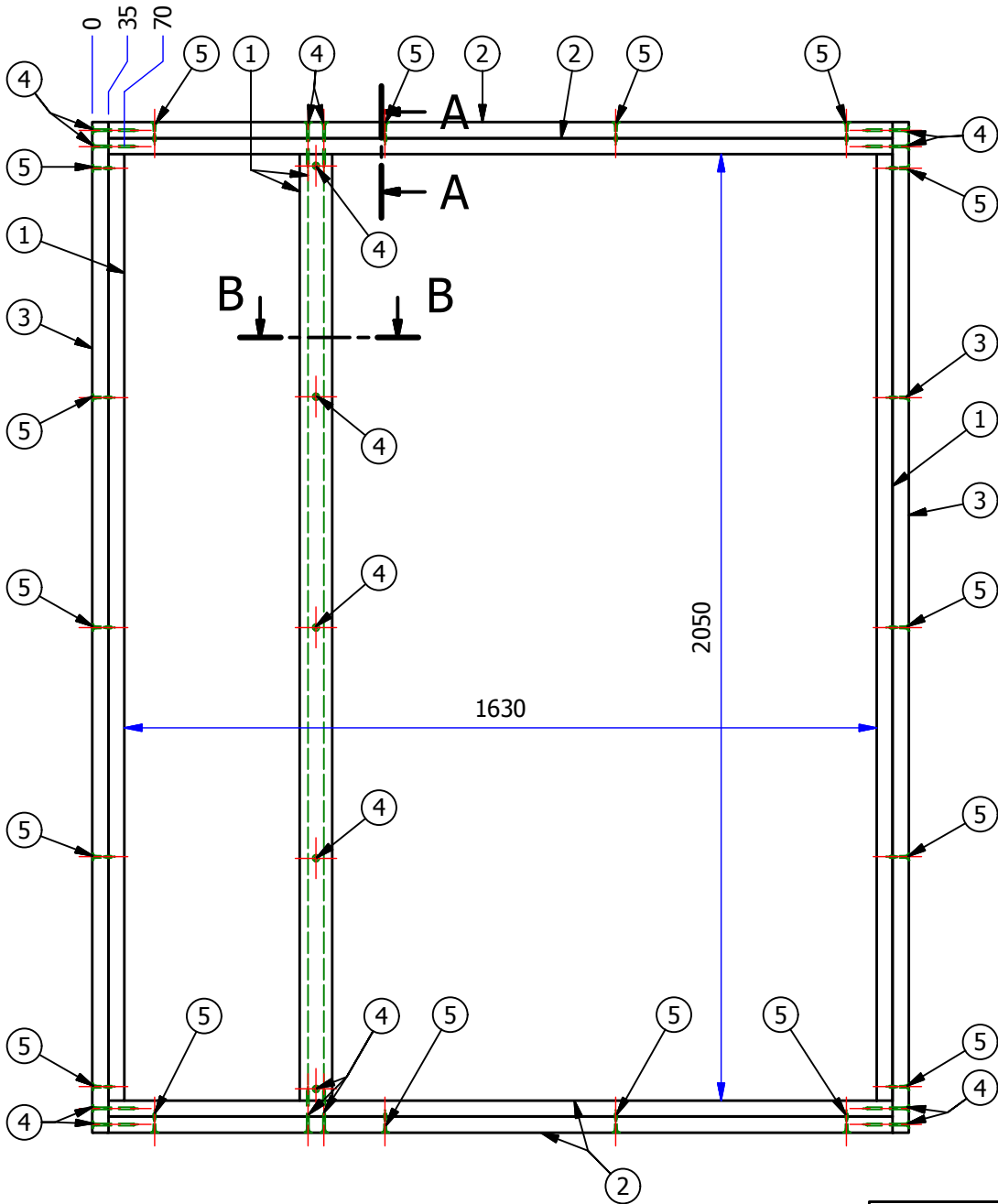
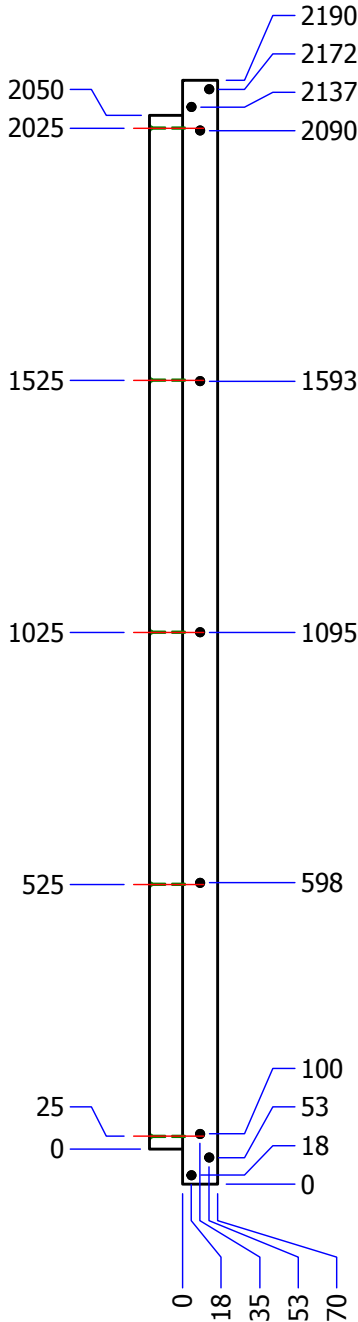
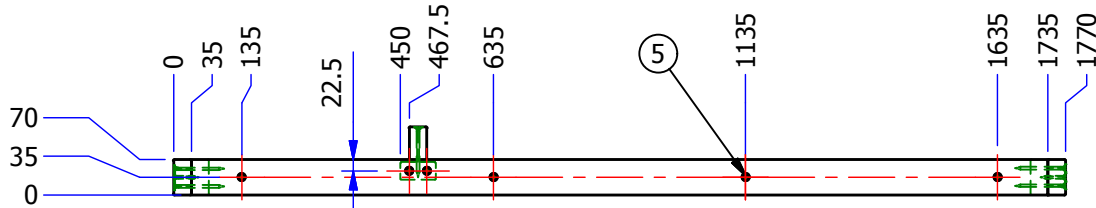


A

B

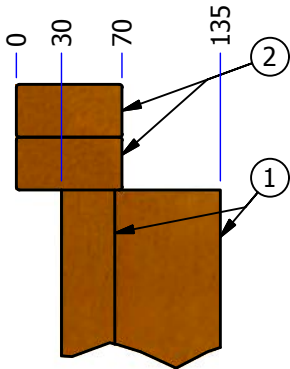
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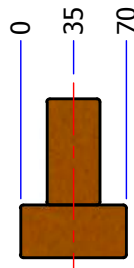


FRONT VIEW 1 ( 1 : 15 )

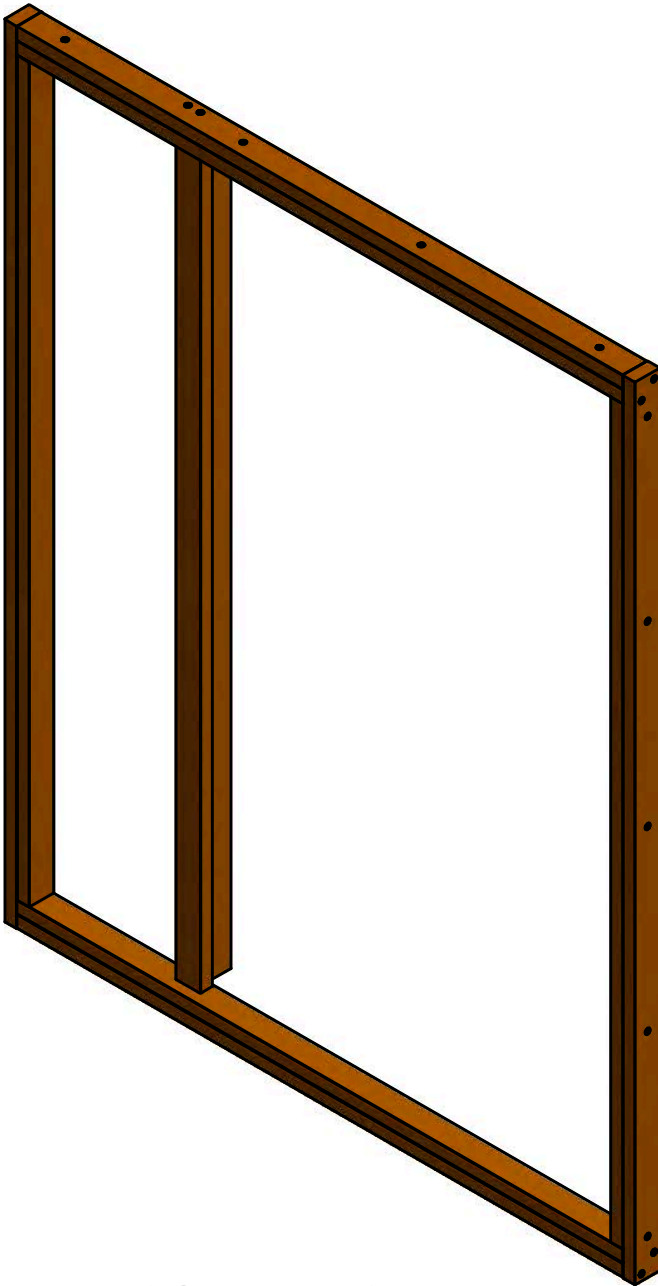
BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	STOCK NO./DESC.	MATERIAL	LENGTH
1	4	Pine Stud 70x35		Pine	2050
2	4	Pine Stud 70x35		Pine	1700
3	2	Pine Stud 70x35		Pine	2190
4	17	Bugle Head Batten Screw 14gx100mm		Steel, Mild	100
5	18	Bugle Head Batten Screw 14gx50mm		Steel, Mild	50



A ( 1 : 5 )



B-B ( 1 : 5 )



ISOMETRIC VIEW

## Prowler Proof

GERSHWIN PTY LTD

122 BUCHANAN RD  
BANYO, QLD. 4014

PH: +61 7 3363 0666

FAX: +61 7 3267 5411

DRAWN  
CAD

DATE  
19/11/2012

CHECKED

DATE

APPR.

DATE

RAW MATERIAL

TITLE:

AS5039 - Testing

SLIDING DOOR - PINE TEST FRAME

PART NUMBER:

AS5039-WDSD SD2004

MATERIAL THICKNESS

DRAWING DOCUMENT FILE NAME:

AS5039-WDSD SD2004.idw

MODEL DOCUMENT FILE NAME:

AS5039-WDSD SD2004.iam

STOCK NUMBER / DESCRIPTION

AS5039-WDSD SD2004

PROCESS CODE:

SHEET  
1 OF 1

SCALE  
NTS

REV.

REV. No	REVISION DESCRIPTION	DRAWN	DATE	APP. BY	DATE
1					

REVISION HISTORY

• THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE SUBJECT TO RETURN ON DEMAND AND MAY NOT BE COPIED OR DISCLOSED TO ANY THIRD PARTY OR USED DIRECTLY OR INDIRECTLY FOR ANY OTHER PURPOSE THAN AS EXPRESSLY DETERMINED IN WRITING BY Gershin Pty. Ltd.

UNLESS OTHERWISE SPECIFIED

XX = • 1mm

X.X = • 0.5mm

XX.XX = • 0.25mm

MACHINE FINISHES =

3.2/

= ± 1••

ALL DIMENSIONS IN MILLIMETERS  
ALL THREAD TO BE METRIC COARSE  
ALL WELDS TO AS1554  
ALL BURRS AND SHARP EDGES TO BE REMOVED

PROJECTION  
3RD ANGLE



DO NOT SCALE DRAWING

WEIGHT: 29.25 kg

SHEET SIZE: A3 INV.



A Z U M A  
Design

AS5039

TEST REPORT  
(Shear test only)

**Azuma Design Pty Ltd**

**Address:** 160 Newton Rd Wetherill Park NSW 2164 Australia **PH:** 61(02)9604 0255 **FAX:** 61(02)9604 0466

## **SHEAR TEST REPORT**

AZT Number: AZT0065.12

Date: 1<sup>st</sup> May 2012

Manufactured By: PROWLER PROOF

Sample identification: KAU 1859, Alloy Temper 6063

Surface finish: Mill finish Aperture: 42mm

Type: I

**Aim:** To test the sample in accordance with Section 7 of AS5041-2003-Methods of test- Security Screen Doors and Window Grilles.

### **Method:**

- Transpose a circle of 150 mm diameter onto the infill of the test specimen. Count and record the number of chords/strands of the infill material/grille that are intersected by the circle.
- Choose a sample chord from the test specimen. For infill material of a regular, uniform design, the sample shall be a typical strand, clear of any knuckles or webs. For infill materials of irregular design and varying strand size, the thinnest structural strand intersected by the 150 mm circle shall be taken.
- Position the sample in the shear apparatus so that its orientation in relation to the cutting edges corresponds approximately to the direction of attack within a cutting tool in situ in an infill.
- Apply a load to the test sample at a rate of 19 mm/min cross-head travel and increase the load until fracture occurs.
- Record the shear force at fracture. If a double shear tool is used, the shear force recorded shall be half that which was measured.

### **Requirements:**

- (a) The breaking force of the chords shall be not less than 30 kN.
- (b) The shear force of any chord shall be not less than 3 kN.

### **Test equipment:**

Azuma Hydraulic test rig  
Double shear tool

### **Azuma Design Pty Ltd**

Address: 160 Newton Rd Wetherill Park NSW 2164 Australia PH: 61(02)9604 0255 FAX: 61(02)9604 0466



## SHEAR TEST REPORT

### Results:

#### Sample C

Shear	Orientation	Double shear force	Shear force (Half of double shear force)
1	Vertical	6980	3490
2	Vertical	7350	3675
3	Vertical	7480	3740
4	Horizontal	8140	4070
5	Horizontal	8420	4210
6	Horizontal	8460	4230
7	Diagonal	8020	4010
8	Diagonal	8080	4040
9	Diagonal	7850	3925
Average =			3932.22 N

- 1 Number of Intersections of Strands by 150mm Dia Circle: 12
  - 2 Average Breaking Force in Shear of one Strand (min 3kN): 3.93 kN
- Multiplication of above points 1 and 2 (min 30kN): 47.18 kN

Remarks: PASSED

### **Azuma Design Pty Ltd**

Address: 160 Newton Rd Wetherill Park NSW 2164 Australia PH: 61(02)9604 0255 FAX: 61(02)9604 0466

## SHEAR TEST REPORT

### Sample D

Shear	Orientation	Double shear force	Shear force (Half of double shear force)
1	Vertical	7710	3855
2	Vertical	7300	3650
3	Vertical	7500	3750
4	Horizontal	8750	4375
5	Horizontal	8220	4110
6	Horizontal	8770	4385
7	Diagonal	8400	4200
8	Diagonal	7820	3910
9	Diagonal	7870	3935
Average =			4018.88 N

3 Number of Intersections of Strands by 150mm Dia Circle: 12

4 Average Breaking Force in Shear of one Strand (min 3kN): 4.01 kN

Multiplication of above points 1 and 2 (min 30kN): 48.22 kN

Remarks: PASSED

## CONCLUSION

From the results achieved it is evident that the sample satisfies requirement 7.6 of AS5039-2008-Security screen doors and window grilles.

SIGNATORY NAME: Rob Irwin

SIGNATURE: 

DATE: 1<sup>st</sup> May 2012

### **Azuma Design Pty Ltd**

Address: 160 Newton Rd Wetherill Park NSW 2164 Australia PH: 61(02)9604 0255 FAX: 61(02)9604 0466

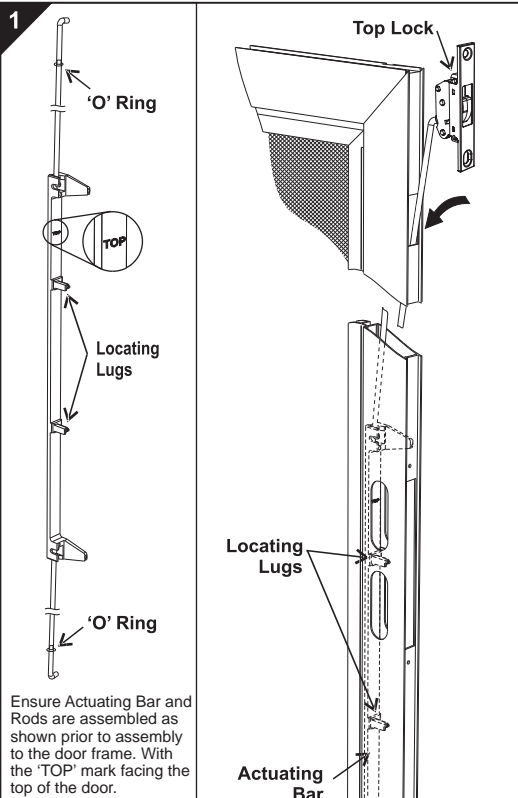
DATE: 1<sup>st</sup> May 2012

**EQUIPMENTS USED TO PERFORM THE ABOVE TEST**

EQUIPMENT NAME	EQUIPMENT NUMBER	√ IF USED
Tape Measure	AZTAPE0001	
1500mm Steel Rule	AZRULE0001	
Shear Test Apparatus	AZTEST0009	
Hydraulic Load Test Rig Readout	AZTEST0008	
200 mm Digital Caliper	AZCALI0010	
Knife Shear Knife	AZKNIF0001	
Knife Shear Blade	AZBLAD0001	

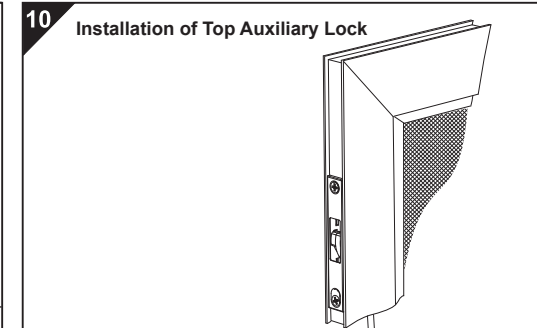
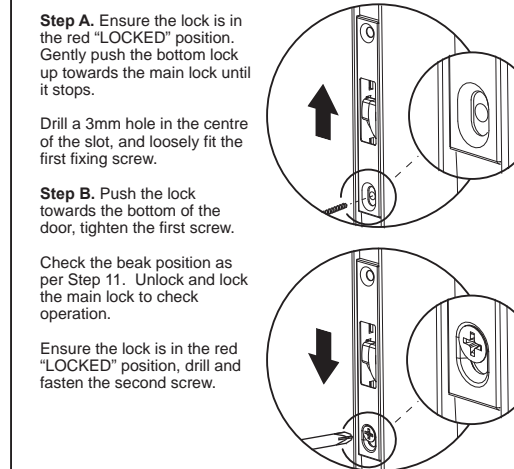
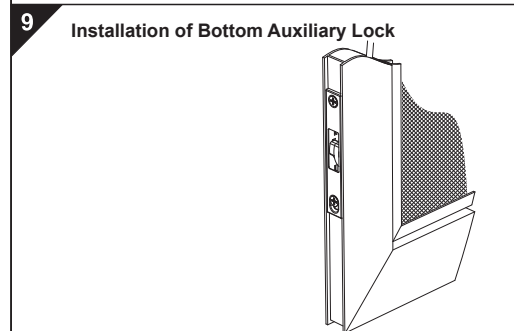
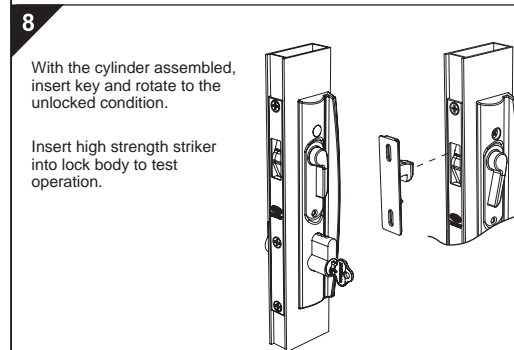
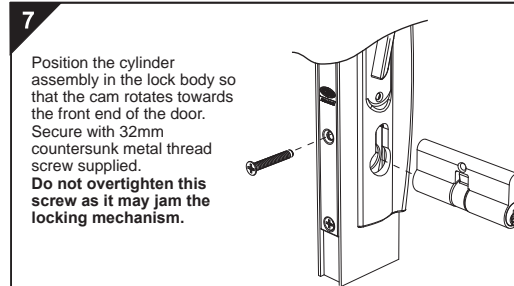
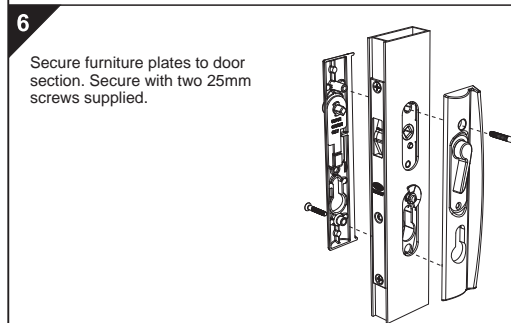
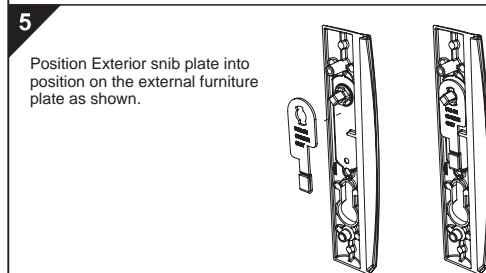
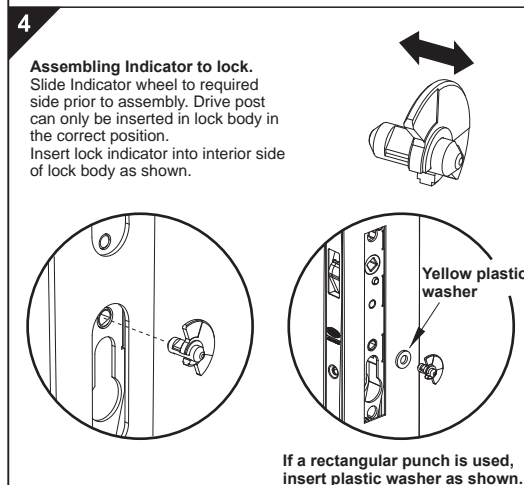
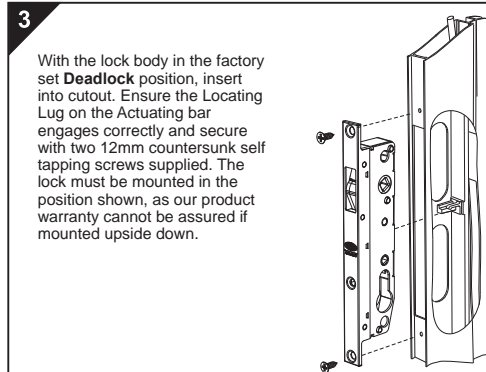
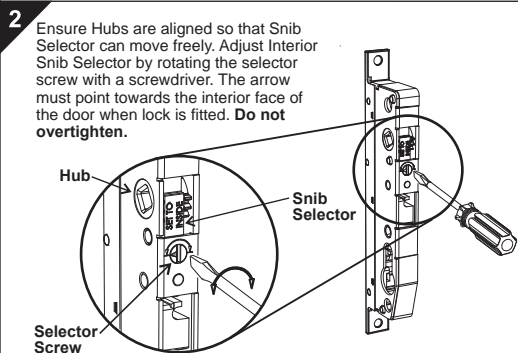
**Azuma Design Pty Ltd**

Address: 160 Newton Rd Wetherill Park NSW 2164 Australia PH: 61(02)9604 0255 FAX: 61(02)9604 0466



Keeping the Locating Lugs of the Actuating Bar facing the front edge of the stile, insert the rod assembly through the top cut-out and slide it through the door section. With the Top lock in the locked position connect the rod and push into place.

Pull bottom rod end through bottom cut-out. Connect to Bottom Lock and push into place.



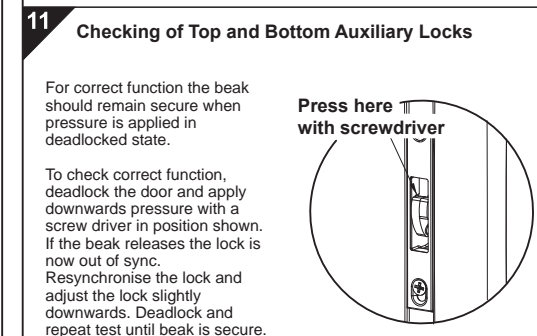
**Step A.** Ensure the lock is in the red "LOCKED" position. Gently push the top lock down towards the main lock until it stops.

Drill a 3mm hole in the centre of the slot, and loosely fit the first fixing screw.

**Step B.** Push the lock towards the top of the door, tighten the first screw.

Check the beak position as per Step 11. Unlock and lock the main lock to check operation.

Ensure the lock is in the red "LOCKED" position, drill and fasten the second screw.



#### Resynchronising the Lock

If the lock is out of sync and cannot be operated. Remove the furniture plates and indicator assembly. Insert a small flathead screw driver into the indicator mechanism as shown. Turn the mechanism in the key locking direction. Check the operation of the lock.



12

**Passage Mode**

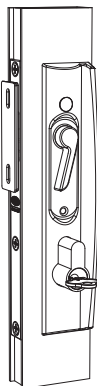
Rotate the key to put the lock into 'Passage Mode'. The indicator will show green and both snibs will be free to operate.

**Privacy Mode**

Rotating the key 90° will place the lock into 'Privacy Mode'. The indicator will show Yellow. The external snib will be locked and the internal snib free to operate. Alternatively turn the internal snib towards the door jamb to place the lock in Privacy mode.

**Deadlock Mode**

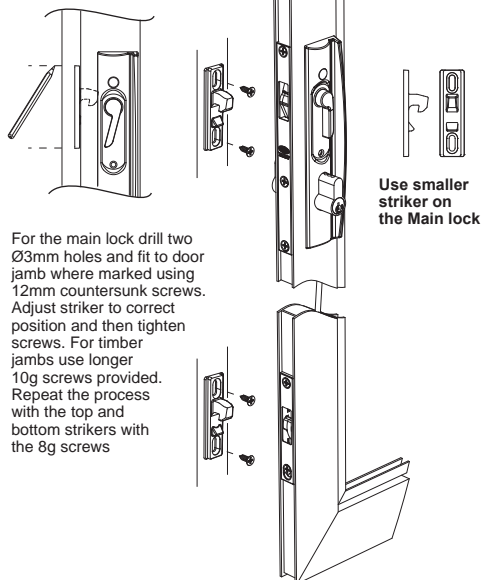
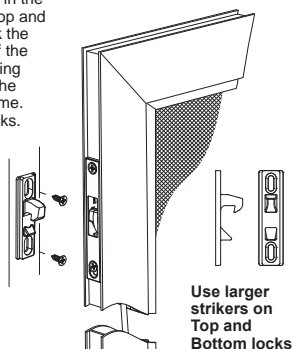
Rotating the key 180° will place the lock into 'Deadlock Mode'. The indicator will show Red. Both the external and internal snib will be locked and the lock can only be unlocked by using the key.



13

**Mounting the Striker**

With the strikers inserted in the main lock body and the top and bottom locks, either mark the position on the outside of the jamb or remove the backing from the tape and allow the strikers to stick to the frame. Remove strikers from locks.

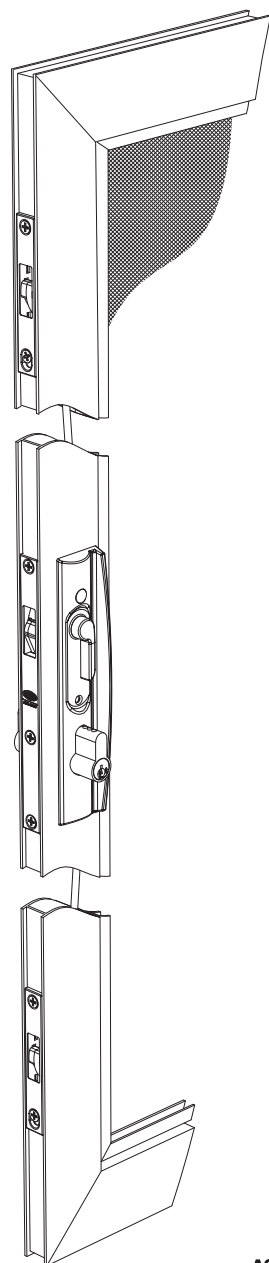


For the main lock drill two Ø3mm holes and fit to door jamb where marked using 12mm countersunk screws. Adjust striker to correct position and then tighten screws. For timber jambs use longer 10g screws provided. Repeat the process with the top and bottom strikers with the 8g screws



# LOCKWOOD 8653 SECURITY SLIDING 3 POINT DOOR LOCK

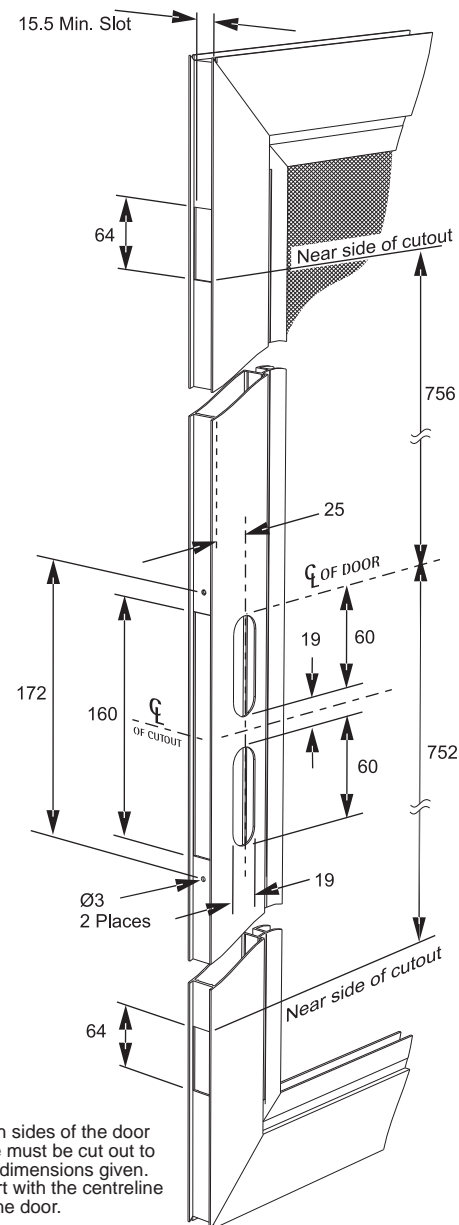
## INSTALLATION INSTRUCTIONS

**ASSA ABLOY**

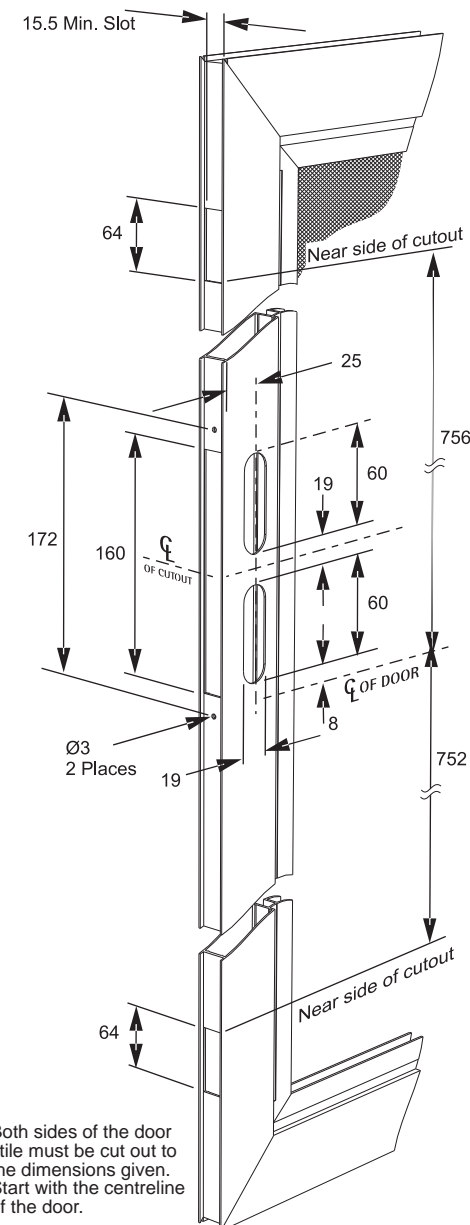
ASSA ABLOY Australia Pty Limited  
235 Huntingdale Rd, Oakleigh, VIC 3166  
ABN 90 086 451 907 ©2011

The Global Leader in Door Opening solutions

Part No. 8653-221 Iss. C 0811

**Mounting of the handle below the centreline.**

Both sides of the door stile must be cut out to the dimensions given. Start with the centreline of the door.

**Mounting of the handle above the centreline.**

Both sides of the door stile must be cut out to the dimensions given. Start with the centreline of the door.

**LOCKWOOD GUARANTEE** - ASSA ABLOY Australia Pty Limited ("ASSA ABLOY") warrants its Lockwood products against defects in workmanship and materials, subject to the limitations and exclusions set out in this Warranty. If, within the normal working life of a product, it is found to be defective, and none of the limitations and exclusions set out in this Warranty apply, ASSA ABLOY will supply the same or equivalent product free of charge. This is the only remedy granted by ASSA ABLOY under this Warranty. Limitations: All electrical and electronic components used in ASSA ABLOY's Lockwood range of products (excluding batteries) are guaranteed for a period of 12 months from the date of proof of purchase, unless stated otherwise. Exclusions: This Warranty does not cover: 1. Damage to or malfunction or failure of the Lockwood product caused or contributed to by: (a) improper installation or failure to follow fitting instructions; (b) improper maintenance; (c) fair wear and tear; (d) any modification or repair which has not been authorized by ASSA ABLOY; (e) use of substitute or replacement parts or cylinders other than genuine ASSA ABLOY parts or cylinders; or (f) use of batteries other than those specified by ASSA ABLOY. 2. The cost of: (a) removal and/or replacement of the Lockwood product; (b) freight and/or traveling time; (c) replacement batteries; or (d) any modification or repairs to a Lockwood product, unless authorised by ASSA ABLOY. 3. Damage to or deterioration of the plated finishes Florentine Bronze, Architectural Bronze, Polished Brass, Gold and Satin Brass, which are classified as soft finishes, and are subject to deterioration under some environmental conditions. 4. Personal injury, property damage or economic loss, however caused. Symmetry® 5 Year Finish Warranty: ASSA ABLOY Australia Pty Limited will replace five-year branded Symmetry product if within five years from the proven date of purchase it tarnishes, discolours or corrodes when properly installed and subject to no more than fair wear and tear. Symmetry® Everbrass® Warranty: Everbrass product is coated both on the exterior and interior surfaces with a lifetime anti-tarnish finish. ASSA ABLOY Australia Pty Limited will replace Everbrass branded product if it corrodes, tarnishes or discolours when properly installed and subject to no more than fair wear and tear. This Warranty is in addition to and not in substitution for any rights of the purchaser under the Australian Consumer Law and state or territory legislation.