



A Z U M A
Design



AS5039 TEST REPORT

Sliding door

SLIDING SECURITY SCREEN DOOR

Azuma Design Pty Ltd

Head Office: 38-44 Redfern Street, Wetherill Park NSW 2164 Australia PH: 61 (02)9604 0255
Address: Perth Office: Unit1/2 Meares Way, Canning Vale WA 6155 PH: 61 (08)9455 5721

AZUMA TESTING REPORT #AZT0018.15

Manufactured By SecureView

Tested By Rob Irwin Date 26/2/15

Certified By Rob Irwin Date 26/2/15

Witnessed By Ash Horne Date 26/2/15

Details of Door Infill

Manufactured By SecureView Type III

Material Thickness 0.8mm Spacing 1.6mm

Aperture 1.6mm Material Type and Grade Stainless Steel

Details of Test Door

Sample Identification _____

Test Door Size (mm) 2195mm (H) x 1500mm (W)

Gap Between Door and Mounting frame: Lock Side (mm) N/A

Lock Description Austral 3 Point Lock (Large furniture)

Type of Material Used in Mounting Frame Radiata Pine

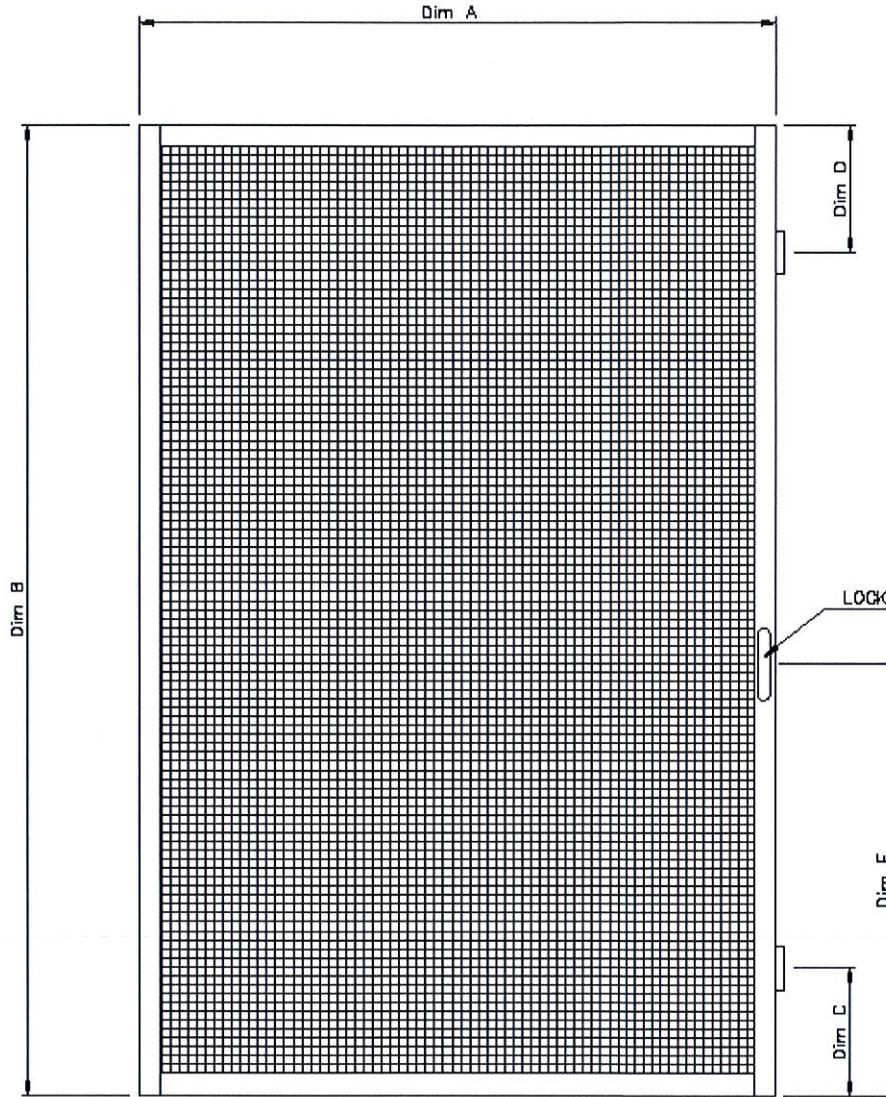
Constructional Description of Test Door Sliding door frame with stainless steel woven mesh infill . Mounted in a timber frame with sliding tracks.

SLIDING SECURITY SCREED DOOR

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Dimensions (in mm):



Dimension A	1250mm
Dimension B	2100mm
Dimension C	210mm
Dimension D	330mm
Dimension E	1240mm

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NATA Accredited Laboratory No: 15147

AZUMA TESTING REPORT #AZT0018.15

Dynamic Impact Test

Check weight of Impact bag: _____ 44.120 _____ kilograms

Drop Height of Impact bag for 100 J blow: (using formula)

w = weight of bag in kilograms

h = drop height in millimeters

Observations

Standard 25mm

Impact 1 41mm

Impact 2 45mm

Impact 3 46mm

Impact 4 50mm

Impact 5 54mm

Result Pass

Remarks Nil

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SLIDING SECURITY SCREEN DOOR

Lock and Hinge Lever Test

LOCATION	PASS	FAIL	FORCE (N)	REMARKS
CENTRE LOCK Stage 1	✓		84.9	
CENTRE LOCK Stage 2	✓		N/A	Screwdriver could not be placed
BOTTOM LOCK Stage 1	✓		195.3	
BOTTOM LOCK Stage 2	✓		N/A	Screwdriver could not be placed
TOP LOCK Stage 1	✓		14.7	
TOP LOCK Stage 2	✓		N/A	Screwdriver could not be placed

Result Pass

Remarks Nil

Note Please see following pages for further detail.

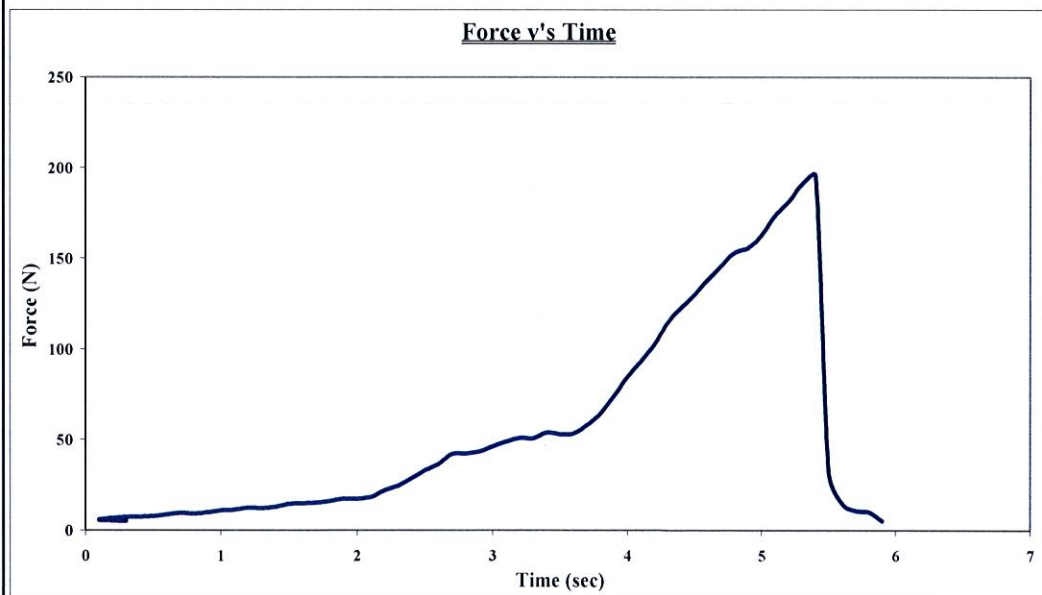
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AZUMA TESTING REPORT #AZT0018.15

AZT No:	AZT0018.15
Date of Test:	26-February-2015
Australian Standard:	AS 5039
Customer:	SecureView
Product Tested:	Bottom Lock Stage 1
Description of Test:	Mount test specimen into security door test rig. Set up Azuma jemmy test apparatus as specified by AS5041. Attach Azuma force gauge to winch cable and connect to lap top. Wind winch until failure or 80 degrees rotation has been achieved by aparatus. Record results of test.
Test Equipment Used:	Azuma security door and window grille test rig Azuma jemmy test aparatus and winch Azuma force gauge and readout Azuma lap top
Result Pass or Fail:	PASS
Maximum Force Achieved:	195.3 N

Graph



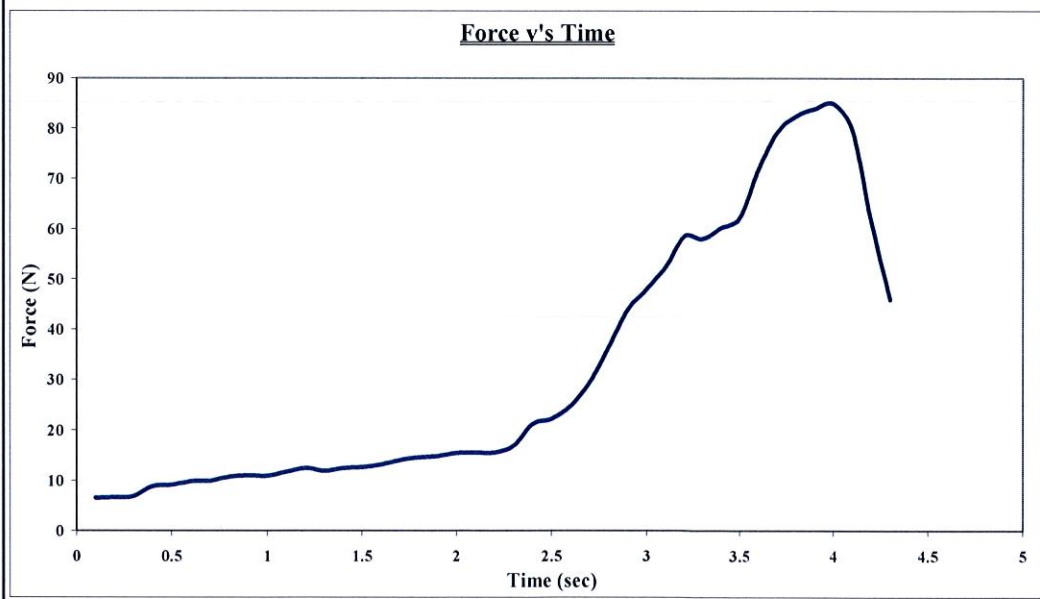
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AZUMA TESTING REPORT #AZT0018.15

AZT No:	AZT0018.15
Date of Test:	26-February-2015
Australian Standard:	AS 5039
Customer:	SecureView
Product Tested:	Centre Lock Stage 1
Description of Test:	Mount test specimen into security door test rig. Set up Azuma jemmy test apparatus as specified by AS5041. Attach Azuma force gauge to winch cable and connect to lap top. Wind winch until failure or 80 degrees rotation has been achieved by aparatus. Record results of test.
Test Equipment Used:	Azuma security door and window grille test rig Azuma jemmy test apparatus and winch Azuma force gauge and readout Azuma lap top
Result Pass or Fail:	PASS
Maximum Force Achieved:	84.9 N

Graph



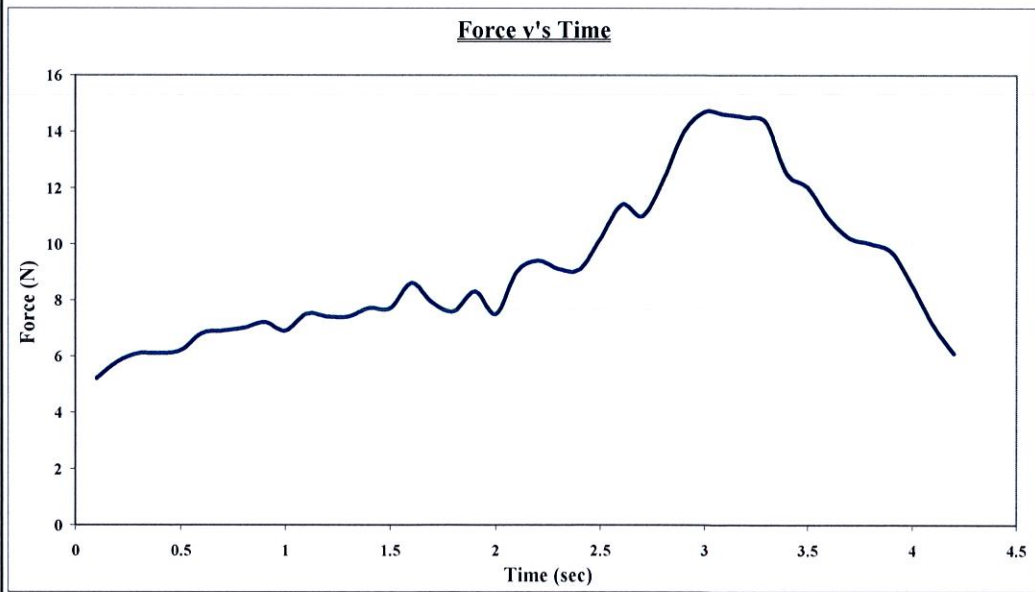
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AZUMA TESTING REPORT #AZT0018.15

AZT No:	AZT0018.15
Date of Test:	26-February-2015
Australian Standard:	AS 5039
Customer:	SecureView
Product Tested:	Top Lock Stage 1
Description of Test:	Mount test specimen into security door test rig. Set up Azuma jemmy test apparatus as specified by AS5041. Attach Azuma force gauge to winch cable and connect to lap top. Wind winch until failure or 80 degrees rotation has been achieved by aparatus. Record results of test.
Test Equipment Used:	Azuma security door and window grille test rig Azuma jemmy test aparatus and winch Azuma force gauge and readout Azuma lap top
Result Pass or Fail:	PASS
Maximum Force Achieved:	14.7 N

Graph



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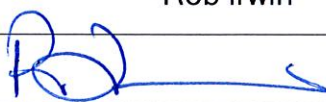
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SLIDING SECURITY SCREEN DOOR

CONCLUSION

<u>Test</u>	<u>Result</u>
Dynamic Impact test:	Pass
Lock and Hinge lever test:	Pass

SIGNATORY NAME _____ Rob Irwin

SIGNATURE _____ 

DATE _____ 26/2/15

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