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Design

AS5039

TEST REPORT

Window Grille

Azuma Design Pty Ltd

Address: 52 Justin Street, Smithfield NSW 2164 Australia **PH:** 61(02)9604 0255



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AZUMA TESTING REPORT #AZT0059.13

NATA Accredited Laboratory No: 15147



SECURITY WINDOW GRILLE

Manufactured By: Secureview

Tested By: Daniel Alchin Date: 2nd May 2013

Certified By: Nathan Olsen Date: 2nd May 2013

Witnessed By: Nathan Olsen Date: 2nd May 2013

Details of Test Window

Sample Identification: Secureview window grille

Size: 900mm width x 1500mm height Class A,B,C or D: A

Mounting method used (ie rebate, face fixed...): Face fixed

Gap between Window and Mounting Frame Lock Side (mm): -

Hinge Side (mm): -

Type of Material Used in Mounting Frame: Radiata pine

Constructional Description of Test Window: SS woven mesh mounted in face fixed security window grille via wedge system and fixed to timber test frame via tamperproof screws spaced at approximately 200mm centres.

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Details of Window Infill

Manufactured By: Secureview

Type: III

Dynamic Impact Test

Check weight of Impact bag: 44.090 kilograms

Drop Height of Impact bag for 100 J blow: (using formula $\frac{10204}{w} = h$)

w = weight of bag in kilograms
h = drop height in millimeters

Observations

Standard: 12mm

Impact 1: 25mm

Impact 2: 25mm

Impact 3: 30mm

Impact 4: 31mm

Impact 5: 32mm

Result: PASS

Remarks: Nil

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SECURITY WINDOW GRILLE

Lock/Hinge and/or fixing Lever Test

LOCATION	PASS	FAIL	FORCE (N)	REMARKS
TOP LH				
CENTRE LH				
BOTTOM LH				
TOP RH				
CENTRE RH				
BOTTOM RH				

Result: PASS

Remarks: Could not insert the jemmy screwdriver to a sufficient depth within the required time period to carry out the test, which results in a pass.

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SECURITY WINDOW GRILLE


Knife shear test

Not tested _____

CONCLUSION

<u>Test</u>	<u>Result</u>
Dynamic Impact test:	PASS
Lock and Hinge lever test:	PASS
Pull test:	N/A
Probe test:	N/A
Shear test:	N/A
Knife shear test:	Not tested

SIGNATORY NAME: Daniel Alchin

SIGNATURE: 

DATE: 7th May 2013

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