

Security Screen Testing

Testing of security screens was performed at Azuma Designs NATA accredited test Laboratory during May and June of 2016 to comply with the relevant Australian Standards. The tests undertaken were:

Forced Entry Testing To AS5039

Dynamic Impact Test – Simulating a physical attack on the screen mesh to attempt to force the mesh out of the frame and gain entry.

Lock Attack – Consisting of a jemmy test on all locking points with a level to attempt to break into or release the locking mechanism and gain entry.

Hinge Attack – Consisting of a jemmy test on all hinge points with a level to attempt to break into or release the hinge and gain entry.

Knife Shear Test – Simulating an attack on the mesh with a very sharp knife to attempt to cut the mesh and gain entry

Simulated Wind Driven Debris Impact Test

Impact Test – A 4 Kilogram piece of hardwood impacting the screen at a velocity of 29m/s (104.4km/h) followed by 8mm steel balls impacting the screen at the same velocity of 29m/s.

Testing carried out on behalf of Wintech an Ullrich Aluminium Company

| SCREEN | SIZE | TEST # | TEST DATE |
|---|-----------|------------|----------------|
| REBATED WINDOW SCREEN | 1500X900 | AZT0173.16 | May 23rd 2016 |
| FACE FIXED WINDOW SCREEN | 1500X900 | AZT0174.16 | May 24th 2016 |
| HINGED SCREEN DOOR – AUSTRAL LOCK | 2035X870 | AZT0175.16 | May 23rd 2016 |
| SLIDING SCREEN DOOR – AUSTRAL LOCK | 2070X120 | AZT0176.16 | May 23rd 2016 |
| HINGED SCREEN DOOR – ASSA ABLOY LOCK | 2040X870 | AZT0234.16 | May 23rd 2016 |
| * Note: Test doors are fitted with triple point locks, results only apply to 316 Stainless Steel Woven Mesh | | | |
| FACE FIXED WINDOW SCREEN | 1500X1800 | AZT0268.16 | June 15th 2016 |

* Courtesy of



An Ullrich Aluminium Company