



# Laboratory Report

Date

1st Nov-2010

Customer

Clearshield Australia

Test No :

AZT0207.10.xls



NATA Accredited Laboratory No.: 15147

Azuma Design Pty Limited  
160 newton Rd Wetherill Park. NSW 2164 Ph 02 9604 0255 E-Mail info@azumadesign.com.au

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## TESTING LABORATORY REPORT



SIGNATORIES

Reported by:	Nathan Olsen 
Checked by:	Robert Irwin 

Date:	1st Nov-2010
Test No:	AZT0207.10.xls

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Pass/ Fail requirements to AS 5041

Test data and results as shown.

Passed

Reason for test  
AS 5041 Conformance.

Knife shear testing

Manufacturer

Customer

Clearshield Australia

Description of product

Sample 4- Perforated 304 Stainless Steel

Results

	Length of complete penetration	New Blade used (Yes / No)
Test number 1	0	Yes
Test number 2	0	Yes
Test number 3	0	Yes

Observations

First attempt- No penetration, rubbed along the surface for the entire length of stroke. Second attempt- No penetration, rubbed along the surface for the entire length of stroke. Third attempt- No penetration, knife snagged and held for 20 seconds.

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The test was repeated until failure as per the clients request.

Results	Length of complete penetration	New Blade used (Yes / No)	Observations
Test number 4	0	Yes	Snagged, held for 20 seconds.
Test number 5	0	Yes	Snagged, held for 20 seconds.
Test number 6	0	Yes	Rubbed along surface for stroke.
Test number 7	0	Yes	Rubbed along surface for stroke.
Test number 8	0	Yes	Snagged, held for 20 seconds.
Test number 9	0	Yes	Snagged, held for 20 seconds.
Test number 10	0	Yes	Snagged, held for 20 seconds.
Test number 11	0	Yes	Snagged, held for 20 seconds.
Test number 12	0	Yes	Rubbed along surface for stroke.
Test number 13	0	Yes	Rubbed along surface for stroke.
Test number 14	0	Yes	Rubbed along surface for stroke.
Test number 15	0	Yes	Snagged, held for 20 seconds.
Test number 16	27	Yes	Cut 27mm, rubbed for rest of stroke.
Test number 17	27	Yes	Snagged, held for 20 seconds.
Test number 18	31	Yes	Cut 31mm, rubbed for rest of stroke.
Test number 19	41	Yes	Cut 41mm, rubbed for rest of stroke.
Test number 20	53	Yes	Cut 53mm, rubbed for rest of stroke.
Test number 21	53	Yes	Cut 53mm, rubbed for rest of stroke.
Test number 22	53	Yes	Cut 53mm, rubbed for rest of stroke.
Test number 23	53	Yes	Cut 53mm, rubbed for rest of stroke.
Test number 24	53	Yes	Snagged, held for 20 seconds.

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Results	Length of complete penetration	New Blade used (Yes / No)	Observations
Test number 25	53	Yes	Snagged, held for 20 seconds.
Test number 26	53	Yes	Snagged, held for 20 seconds.
Test number 27	53	Yes	Snagged, held for 20 seconds.
Test number 28	53	Yes	Snagged, held for 20 seconds.
Test number 29	53	Yes	Snagged, held for 20 seconds.
Test number 30	53	Yes	Rubbed along surface for stroke.
Test number 31	54	Yes	Cut 54mm, rubbed for rest of stroke.
Test number 32	57	Yes	Cut 57mm, rubbed for rest of stroke.
Test number 33	58	Yes	Cut 58mm, snagged, held 20 seconds.
Test number 34	74	Yes	Cut 74mm, rubbed for rest of stroke.
Test number 35	77	Yes	Cut 77mm, rubbed for rest of stroke.
Test number 36	77	Yes	Rubbed along surface for stroke.
Test number 37	77	Yes	Rubbed along surface for stroke.
Test number 38	78	Yes	Cut 78mm, rubbed for rest of stroke.
Test number 39	78	Yes	Rubbed along surface for stroke.
Test number 40	83	Yes	Cut 83mm, snagged, held 20 seconds.
Test number 41	94	Yes	Cut 94mm, snagged, held 20 seconds.
Test number 42	94	Yes	Snagged, held for 20 seconds.
Test number 43	94	Yes	Snagged, held for 20 seconds.
Test number 44	104	Yes	Cut 104mm, snagged, held 20 seconds.
Test number 45	104	Yes	Snagged, held for 20 seconds.
Test number 46	104	Yes	Snagged, held for 20 seconds.

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Results	Length of complete penetration	New Blade used (Yes / No)	Observations
Test number 47	110	Yes	Cut 110mm, snagged, held 20 seconds.
Test number 48	110	Yes	Rubbed along surface for stroke.
Test number 49	114	Yes	Cut 114mm, snagged, held 20 seconds.
Test number 50	114	Yes	Rubbed along surface for stroke.
Test number 51	120	Yes	Cut 120mm, snagged, held 20 seconds.
Test number 52	120	Yes	Snagged, held for 20 seconds.
Test number 53	125	Yes	Cut 125mm, snagged, held 20 seconds.
Test number 54	125	Yes	Snagged, held for 20 seconds.
Test number 55	125	Yes	Snagged, held for 20 seconds.
Test number 56	125	Yes	Snagged, held for 20 seconds.
Test number 57	125	Yes	Snagged, held for 20 seconds.
Test number 58	125	Yes	Snagged, held for 20 seconds.
Test number 59	142	Yes	Cut 142mm, snagged, held 20 seconds.
Test number 60	142	Yes	Snagged, held for 20 seconds.
Test number 61	142	Yes	Snagged, held for 20 seconds.
Test number 62	194	Yes	Cut 194mm, snagged, held 20 seconds.

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### Details of product for testing

#### Infill

Material type and grade :	Type III, 304 Stainless Steel				
Manufacturers Name	Clearshield Australia				
Identification / Part	Sample 4- Clearshield				
Attached dimensional drawing	0	Issue :	0		
Material thickness:	1.25mm	Spacing :	3mm	Aperture:	1.8mm
Surface finish / coating :	Powdercoat				

#### Means of securing to frame :

Wedge	If means of securing is OTHER, submit full details on separate sheet attach to Final report
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#### Weld details

Type of weld	0	Weld pattern	0
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#### Fastener details

Manufacturers Name	0		
Identification / Part number	0		
Material	0 If material type is OTHER, submit full details on separate sheet and attach to final report		
Surface finish	0		
Length & dia/Gauge	0		
Qty & location	0 Show details on attached sheet		