

Test Report



WIND AND WATER TEST TO THE REQUIREMENTS OF AS2047

CLIENT – CIVRO Building Technology
(Guangdong) Co., Ltd

PRODUCT – XD63LS Lift Sliding Door

TESTED AT – AZUMA JIANGMEN BRANCH
LABORATORY

REPORTED BY – AZUMA TESTING LIMITED

REPORT NO. – AZHK251209

Issue Date: 29th December 2025

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東方檢測有限公司
Azuma Testing Limited

香港新界沙田火炭山尾街 43-47 號環球工業中心地下 6 號
Workshop No. 6, G/F, World-wide Industrial Centre,
43-47 Shan Mei Street, Foton, Shatin, N.T., Hong Kong
W: www.azumatesting.com

P: +852 2494 7370

澳思万(江门市)测试有限公司
Azuma (Jiangmen) Testing Limited

江门市江海区龙溪路 80 号 4 栋 101 室
Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

1 Customer Requirements

Customer requires all applicable tests to the performance requirements of AS2047, using the test procedures from AS/NZS 4420.1.

2 Reference Standard

- AS2047 – 2014 Windows and External Glazed Doors in Buildings
- AS/NZS 4420.1 – 2016 Windows external glazed timber and composite doors - Methods of test - Test sequence, sampling and test methods

3 General Information

Test Lab/ Site No.	Azuma (Jiangmen) Testing Limited/ 26054
Address	Room 101, Building 4, 80 Longxi Road, Jianghai District, Jiangmen City, China
Date(s) of Test	25 th November 2025
Test Job Number	AZJM251127
Report Issuing Lab	Azuma Testing Limited
Test Report Number	AZHK251209

3.1 Customer & Sample Information

Customer	CIVRO Building Technology(Guangdong) Co.,Ltd)
Customer's Address	No. 3, Guandi Area, Fanhu, Leping, Sanshui Central Technology Park, Sanshui District, Foshan City.
Window/Door Type	Aluminium Sliding Door
Model	XD63LS
Test Sample Description	Aluminium Sliding Door
Number of Sample Testing	1
Manufacturer (s)	CIVRO Building Technology(Guangdong) Co.,Ltd
Manufacturer's Address	No. 3, Guandi Area, Fanhu, Leping, Sanshui Central Technology Park, Sanshui District, Foshan City.

The above information is provided by the client. Azuma does not take liability to the accuracy of this information

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Jianghai District, Jiangmen City, China
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4 Test Result Summary

Test Method per AS/NZS 4420.1	Figures Recorded	Result for compliance with AS2047
Deflection Test	Positive – 2100 Pa	Pass
	Negative – 2100 Pa	Pass
Operating Force Test	180N / 110N	Pass
Air Infiltration Test	Low	Pass
Water Penetration Resistance Test	700 Pa	Pass
Ultimate Strength Test	Positive – 2100 Pa	Pass
	Negative – 2100 Pa	Pass

* N/A: Not Applicable

** N/T : Not Tested

5 Test Sample Description

Product Name	XD63LS Lift Sliding Door
Model	XD63LS
Dimension of Frame	2700 mm (Height) x 4000mm (Width) x 140 mm (Thickness)
Dimension of Sashes	Operable Sash 1: 2614 mm (Height) x 1987mm (Width)
	Operable Sash 2: 2614 mm (Height) x 1987mm (Width)
Glazing – Size/Type	Operable Sash 1: 2512 mm (Height) x 1908 mm (Width) Glass Thickness: (8mm /12A/8mm) Glass Type: Toughened Insulating Glass Unit (IGU) Supplier: SUNGLAS TECHNICS CO., LTD.
	Operable Sash 2: 2512 mm (Height) x 1908 mm (Width)) Glass Thickness: (8mm /12A/8mm) Glass Type: Toughened Insulating Glass Unit (IGU) Supplier: SUNGLAS TECHNICS CO., LTD.
Hardware	Name: Transmission box Model No.: C721034-2600 Quantity: 2 pcs Supplier: Sobinco
	Name: Front pulley Model No.: C733036 Quantity: 2 pcs Supplier: Sobinco

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	<p>Name: Rear Pulley Model No.: C733037 Quantity: 2 pcs Supplier: Sobinco</p> <p>Name: Lock Bracket Model No.: C742082 Quantity: 2 pcs Supplier: Sobinco</p> <p>Name: Handle Model No.: C710127 Quantity: 2 Supplier: Sobinco</p> <p>Name: Clasping Handle Model No.: C710025 Quantity: 2 Supplier: Sobinco</p>
Drawing Identification	XD63LS, M1, HD-03, J02, C01, C01, C02, C03, D01, D02, D03, D04, D05, D06, D07, C01, H02, H13, I01, I04, DY-2
Profile Section	Model: 6060T6 Manufacturer: FOSHAN YINGHUI ALUMINUM PROFILES CO., LTD. See Drawings for Details
Frame Corner Construction Details	See Drawings for Details
Drain holes	Size (Width x Height): 20mm x 8mm Quantity: 5 ea See Drawings for Details
Weep holes	Size (Width x Height): 30mm x 8 mm Spacing: 500 mm Quantity: 6 ea See Drawings for Details
Gasket/Seals/Hairs	<p>Model No.: C3311006 5x8 wool Material: siliconized pile weatherstrip with fabric backing Supplier: CIVRO</p> <p>Model No.: C358010 external glazing gasket Material: Foam + EPDM Supplier: CIVRO</p>

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	<p>Model No.: C358011 gasket Material: EPDM Supplier: CIVRO</p>
Weather Strip	<p>Model No.: C358012 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358013 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358014 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358016 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358017 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358039 hook-type glazing gasket Material: Foam + EPDM Supplier: CIVRO</p> <p>Model No.: C331025 Material: siliconized pile weatherstrip with non-woven backing Supplier: CIVRO</p>
Glass Retention	<p>Model No.: C358010 external glazing gasket Material: Foam + EPDM Supplier: CIVRO</p> <p>Model No.: C358012 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358013 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358014 gasket Material: EPDM Supplier: CIVRO</p>

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	<p>Model No.: C358016 gasket Material: EPDM Supplier: CIVRO</p> <p>Model No.: C358017 gasket Material: EPDM Supplier: CIVRO</p>
Thermal Break	<p>Yes Model No.: C422201 Model No.: C423201 Model No.: C422501 Supplier: Technoform</p>
Sub Head and Sub Sill Used	None
Reinforcement	None
Installation	The exterior perimeter of the test specimen was sealed with silicon sealant
Support Fixings	The test specimen and frame were fixed securely onto the test rig using screws.

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Jianghai District, Jiangmen City, China
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6 Procedures

6.1 Deflection Test

1. The test sample shall be operative and pre-loaded as described in AS 4420.1.
2. The pre-load pressure shall be removed and the zero position of the displacement measuring devices recorded.
3. Differential pressures in the same direction shall then be applied across the test sample in not less than four approximately equal increments until the test pressure is reached. The pressure shall be held for at least 1 min at each pressure increment, and the readings of the displacement measuring devices recorded before the pressure is increased.
4. The differential pressure shall be removed and after 2 min the zero displacement readings shall be taken.
5. The direction of the air pump or test sample shall be reversed and Steps (1) to (4) shall be repeated using the opposite test loading.

6.2 Operating Force Test

1. With the window closed, but unlocked, an operating force shall be applied, without shock, in the plane and direction of the sash operation.
2. For both directions of sash travel, the following forces shall be noted and recorded:
 - (a) That capable of setting the sash in motion.
 - (b) That capable of maintaining the motion after the sash frame is clear of the perimeter frame of the test sample.
3. Each sliding sash of the test sample is tested separately.
4. For horizontally sliding sashes, the force shall be applied either at the position of a fixed handle, or at one-third of the height of the pull stile above the sill for continuous or adjustable handgrips.
5. For vertically sliding sashes, the force shall be applied at the sash pulls or at the midpoint of the bottom rail, or at the position nominated by the manufacturer.

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43-47 Shan Mei Street, Fotan, Shatin, N.T., Hong Kong
W: www.azumateesting.com

P: +852 2494 7370

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Azuma (Jiangmen) Testing Limited

江门市江海区龙溪路80号4栋101室
Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

6.3 Air Infiltration Test

1. Operation and pre-loading as described in AS 4420.1.
2. The face of the test sample shall then be sealed airtight by covering it with an impervious film. If this is not practicable, all joints, weep holes, and glazing or sealant lines of the test sample shall be sealed with impervious adhesive tape.
3. Positive and negative test pressures shall then be applied, and the base air infiltration rates through the test apparatus shall be determined by air flow meter.
4. The sealing film or tape shall be removed from the test sample and the air infiltration rates determined. The air infiltration through the test sample shall be the difference between the base and total readings.

6.4 Water Penetration Resistance Test

1. The test sample shall be subjected to water sprayed uniformly and continuously over the exterior face of the test sample at a rate not less than $0.05 \text{ L/m}^2\text{s}$. At the start of the test, the water sprays shall operate for 5 min with zero air pressure differential on the test sample.
2. The test pressure shall be applied and maintained for 15 min with the water sprays still operating. The visible internal surfaces of the test sample shall be inspected throughout the water spray operation.
3. Any water appearing on the inside surfaces of the test sample shall be noted and recorded, with the extent and, if possible, the source of penetration of uncontrolled water. Uncontrolled water shall be as defined in AS 2047.
4. The pressure and water sprays shall then be removed from the test sample.

6.5 Ultimate Strength Test

1. The test sample shall be subjected to a smoothly increasing differential pressure up to the test pressure determined in Clause 6.1, conducted individually in both positive and negative directions.
2. The time taken to reach the structural test pressure shall be approximately 1 min. Test pressure shall be maintained on the test sample for a period of 10 s.
3. If a sponsor requires incremental tests, each increment shall represent a separate test requiring 10 s duration.
4. At the conclusion of the test at each loading, the test sample shall be inspected and any signs of deformity or damage or collapse of the test sample noted and recorded.

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Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

7 Results

7.1 Test for Operation

The test specimen has been opened and closed for 5 times and operates well.

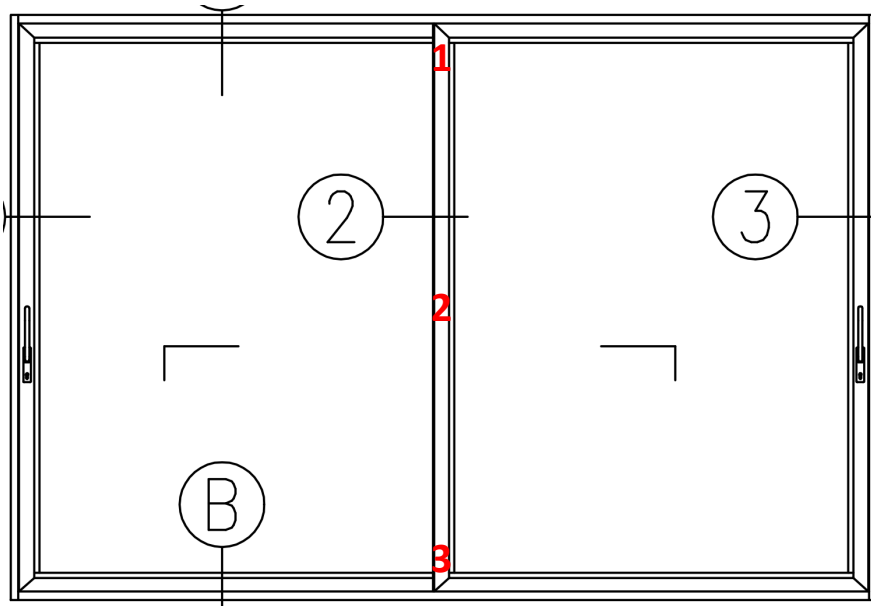
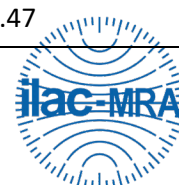


Figure 1 Transducer Locations

7.2 Deflection Test

Setup 1				
Structural Member	Interlock 1, 2, 3			
Span Length	2520 mm			
Transducers Used	1, 2, 3			
Maximum Allowable Deflection	10.08 mm			
Test Deflection Ratio of Sample	1 (mm)	2 (mm)	3 (mm)	Net Deflection (mm)
Positive 350 Pa	2.91	4.05	1.33	1.93
Negative 350 Pa	-2.64	-3.42	-1.30	1.45
Positive 700 Pa	5.20	8.05	4.08	3.41
Negative 700 Pa	-4.90	-7.43	-3.87	3.05
Positive 1050 Pa	7.51	12.07	6.89	4.87
Negative 1050 Pa	-6.45	-10.54	-5.69	4.47

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Positive 1400 Pa	10.19	16.41	9.62	6.51
Negative 1400 Pa	-8.09	-13.57	-7.17	5.94
Positive 1750 Pa	13.05	20.84	12.46	8.09
Negative 1750 Pa	-10.10	-16.85	-8.86	7.37
Positive 2100 Pa	15.92	25.11	15.34	9.48
Negative 2100 Pa	-12.22	-20.21	-10.73	8.74
Span Ratio	Positive – 266			
	Negative – 288			
Result	Positive – Pass			
	Negative – Pass			

7.3 Operating Force Test

Movement Type	Door	Opening Force (N)	Closing Force (N)	Allowable (N)	Result
Initiating	1*	99.9	98.7	≤ 180	Pass
Maintain	1*	88.9	87.8	≤ 110	Pass
Initiating	2**	78.6	84.4	≤ 180	Pass
Maintain	2**	85.3	92.4	≤ 110	Pass

*Door 1 = Left Panel (View from interior)

**Door 2 = Right Panel (View from interior)

7.4 Air Infiltration Test

Barometric Pressure	102860 Pa
Air Temperature	23.9 °C
Overall Area	10.8 m ²

Pressure	Sealed	Unsealed	Net Leakage
Positive - 75 Pa	28.01 Ls ⁻¹	29.52 Ls ⁻¹	1.51 Ls ⁻¹
Negative - 75 Pa	26.60 Ls ⁻¹	31.19 Ls ⁻¹	4.59 Ls ⁻¹

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Air Infiltration Level	Direction	Allowable	Actual	Result
Low	Positive	$\leq 1 \text{ Ls}^{-1}\text{m}^{-2}$	0.14 $\text{Ls}^{-1}\text{m}^{-2}$	Pass
	Negative		0.43 $\text{Ls}^{-1}\text{m}^{-2}$	
High	Positive Only	$\leq 5 \text{ Ls}^{-1}\text{m}^{-2}$	0.14 $\text{Ls}^{-1}\text{m}^{-2}$	Pass

7.5 Water Penetration Resistance Test

Wet Down Complete – 5 minutes	Yes
Maximum Pressure Applied to Sample	700 Pa
Time Pressure Held for	15 minutes
Leakages Observed	Nil
Observations	No Observable Water Leakages Transparent Sealant applied on site on exterior and interior surfaces of Window Assembly (See Figures 10, 11, 12 & 17)

7.6 Ultimate Strength Test

Maximum Pressure Applied to Sample	Positive – 2100 Pa Negative – 2100 Pa
Time Pressure Held for	60 seconds
Compliant with AS2047 Clause 2.3.1.7	Yes
Observations	No Observable Damage

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Room 101, Building 4, 80 Longxi Road
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M: info@azuma.com.hk

7.7 Photos



Figure 2 Photo of the test specimen Before testing (Fully Closed)



Figure 3 Photo of the test specimen After testing (Fully Closed)

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Figure 4 Photo of the test specimen After testing (Fully Opened)



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Figure 5 Photo of the Hardware (Handle)

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Figure 6 Photo of the Hardware (Recessed Pull)





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Figure 7 Photo of Interlock Stile & Handle

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Figure 8 Connection Detail Between Left Side Jamb, Bottom Sill, Lock Stile and Bottom Rail





Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Figure 9 Connection Detail Between Bottom Sill, Interlock Stile, Door Track, Bottom Rail and Left Panel

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Figure 10 Connection Detail Between Bottom Sill, Interlock Stile, Door Track, Bottom Rail and Right Panel (Showing White Traces Left by Transparent Waterproof Coating on Surface)



Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Figure 11 Connection Detail Between Right Side Jamb, Bottom Sill, Bottom Rail and Right Lock Stile (Showing White Traces Left by Transparent Waterproof Coating on Surface)

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Figure 12 Connection Detail Between Right Side Jamb, Head, Top Rail, and Right Lock Stile (Showing White Traces Left by Transparent Waterproof Coating on Surface)





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Figure 13 Connection Detail Between Head and Interlock Stile

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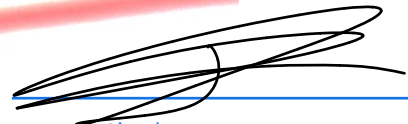
Figure 14 Door Bumper Stop Installed on Top Rail of Left Panel



Figure 15 Connection Detail Between Bottom Sill, Lock Stile, Door Track, Bottom Rail and Jamb (View from Exterior)


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Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Figure 16 Connection Detail Between Top Rail, Lock Stile, Door Track, Bottom Rail and Left-Side Jamb (View from Exterior)

Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Figure 17 Connection Detail Between Top Rail, Interlock Stile and Head (Showing White Traces Left by Transparent Waterproof Coating on Surface)

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Figure 18 Connection Detail Between Two Panels

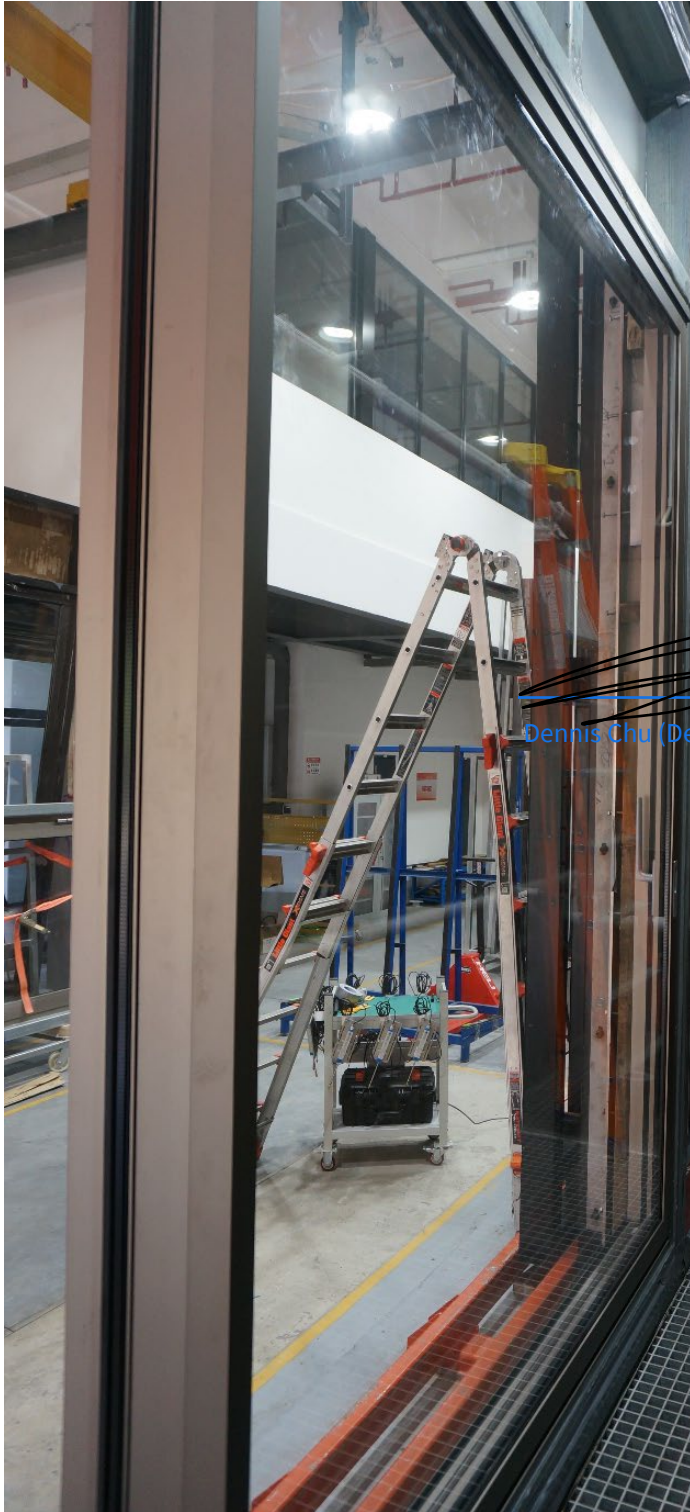



Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Figure 19 Connection Detail Between Top Rail, Lock Stile, Door Track, Bottom Rail and Right-Side Jamb (View from Exterior)

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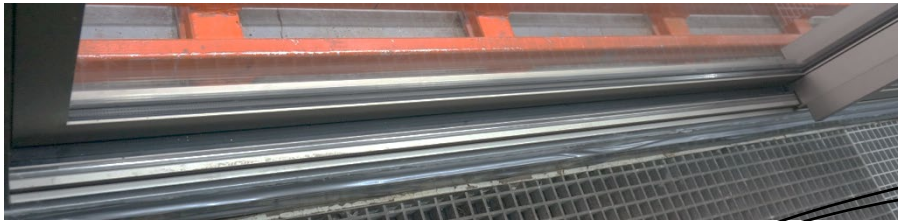
Figure 20 Right Panel (View from Exterior)

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Figure 21 Upper Section of Left Panel (View from Exterior)



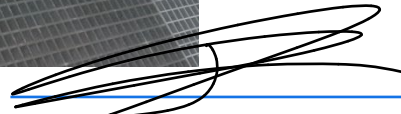
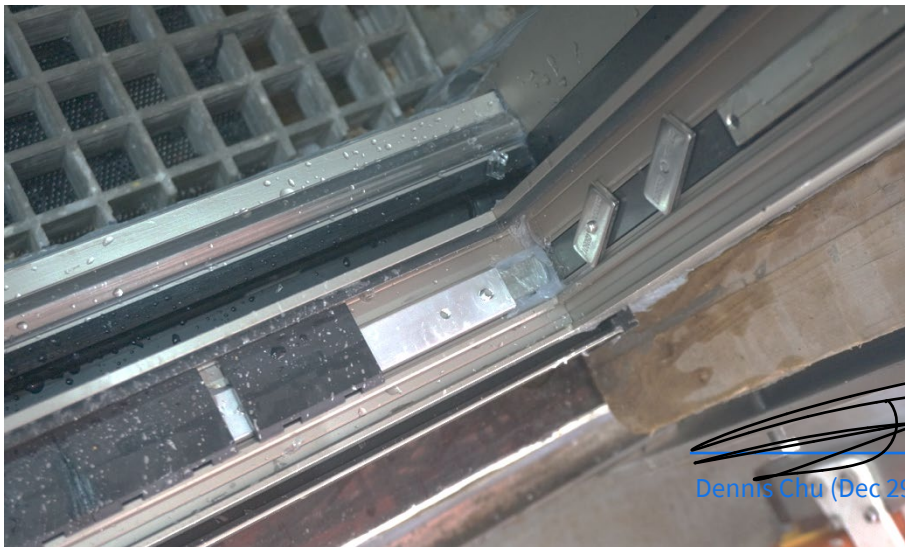

Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Figure 22 Door Track of Left Panel (View from Exterior)



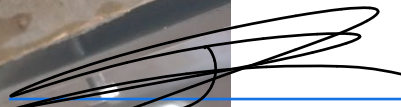

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Figure 23 Door Track of Right Panel (View from Exterior)

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Figure 24 Connection Detail Between Head, Right-Side Jamb and Door Track



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Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Figure 25 Connection Detail Between Head, Interlock Stile and Door Track (Right Panel)

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Figure 26 Connection Detail Between Head, Interlock Stile and Door Track (Left Panel)



Figure 27 Photo of Main Frame (Drain Holes on Threshold)



Figure 28 Zoom-in of Main Frame (Drain Holes on Threshold)

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Test Report

東方檢測有限公司
Azuma Testing Limited

香港新界沙田火炭山尾街 43-47 號環球工業中心地下 6 號
Workshop No. 6, G/F, World-wide Industrial Centre,
43-47 Shan Mei Street, Fotan, Shatin, N.T., Hong Kong
W: www.azumatesting.com

P: +852 2494 7370

澳思万(江门市)测试有限公司
Azuma (Jiangmen) Testing Limited

江门市江海区龙溪路 80 号 4 栋 101 室
Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

8 Signatories

Tested By: **Dennis Chu**

Signature:

Dennis Chu (Dec 29, 2025 17:16:51 GMT+8)

Date:

12/29/2025

Checked By:

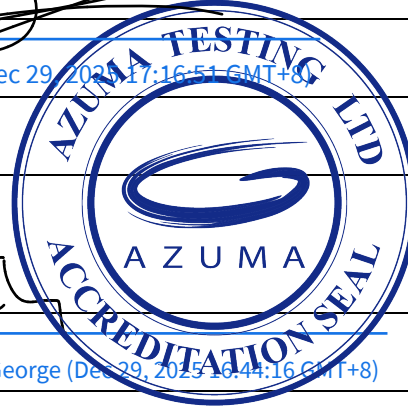
George Cheung

Signature:

Cheung George (Dec 29, 2025 16:44:16 GMT+8)

Date:

12/29/2025



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Workshop No. 6, G/F, World-wide Industrial Centre,
43-47 Shan Mei Street, Fotan, Shatin, N.T., Hong Kong
W: www.azumatesting.com

P: +852 2494 7370

澳思万(江门市)测试有限公司
Azuma (Jiangmen) Testing Limited

江门市江海区龙溪路80号4栋101室
Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

9 Appendix (Drawings supplied by customer)

Australian Standard Test Product Samples

XD63LS Scheme Drawing

Design: XJDD-202510-0122

CIVRO Building Materials Technology Co., Ltd

2025.10.29

Area : xx m²

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Figure 29 XD63LS Scheme Drawing

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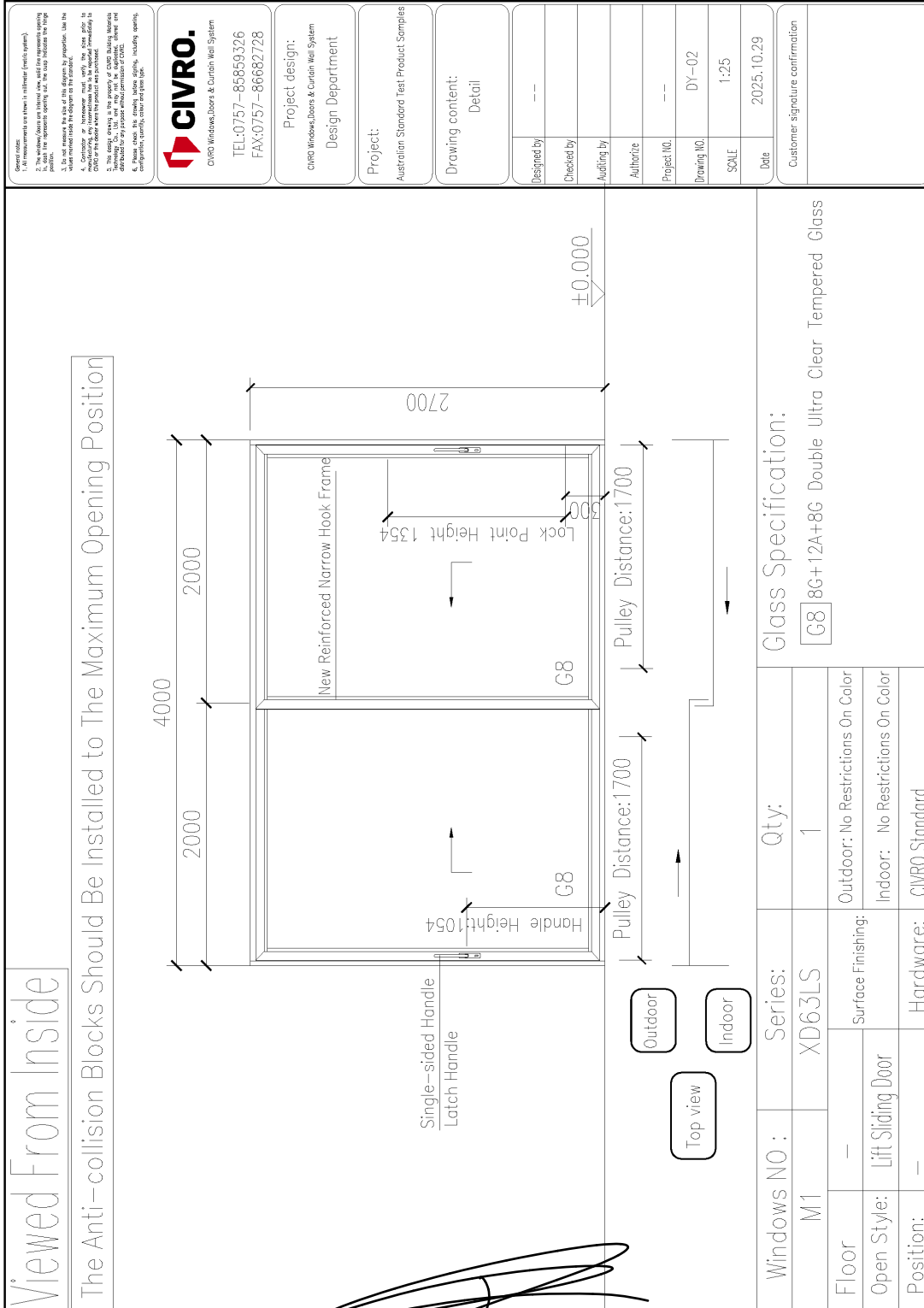
東方檢測有限公司
Azuma Testing Limited

香港新界沙田火炭山尾街 43-47 號環球工業中心地下 6 號
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Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

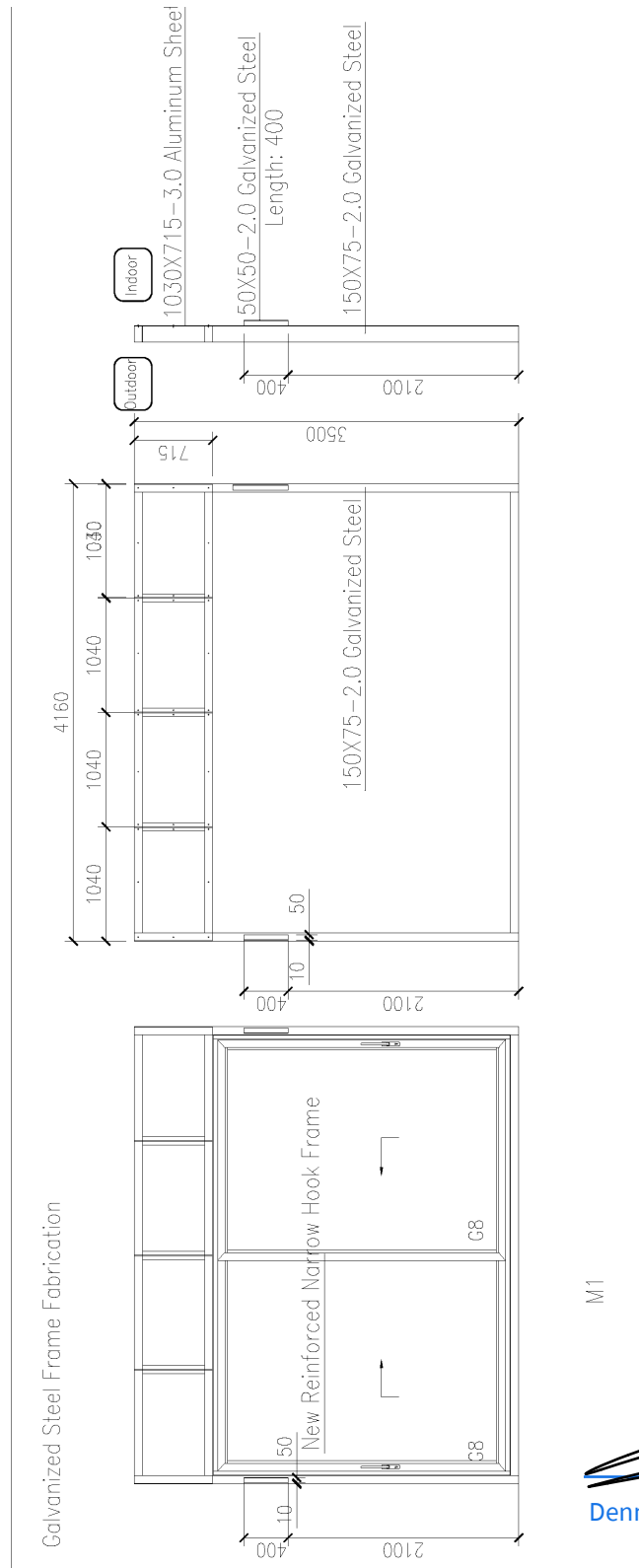


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Figure 30 Drawing of Front View

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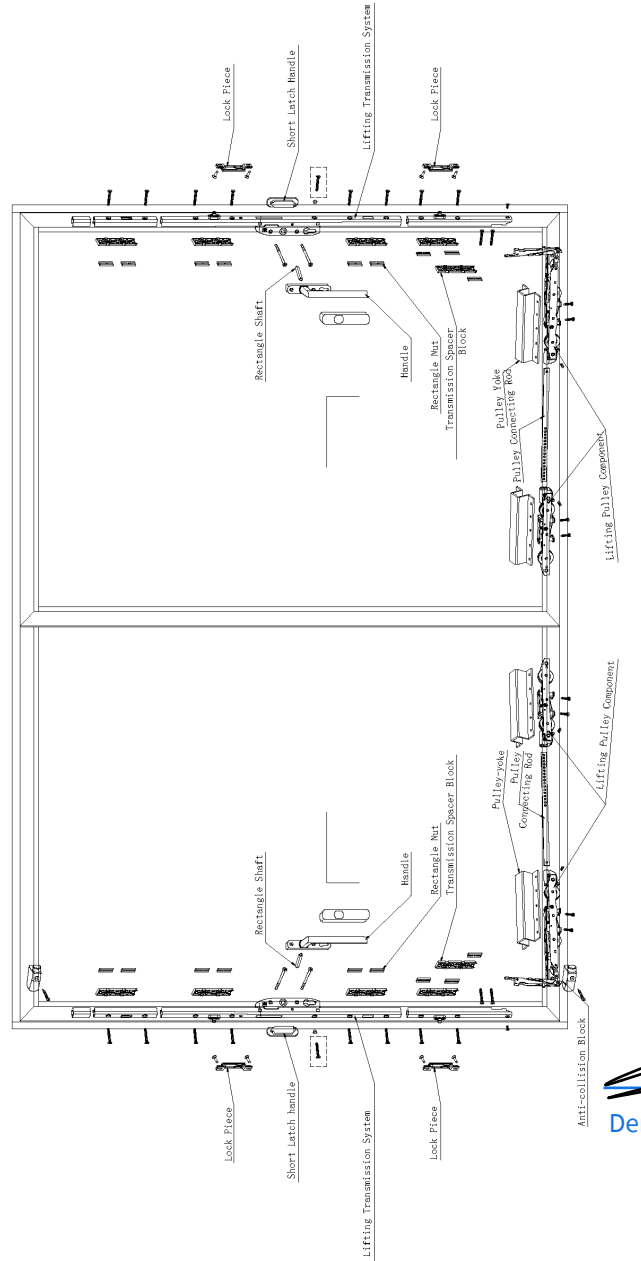
Figure 31 Drawing of Galvanized Steel Test Frame Fabrication

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Viewed From Inside



M1

J02

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Hardware Fitting

Figure 33 Drawing of Hardware Fitting

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XD63LS Lift Sliding Door
Alum. Profile and Hardware Summary



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Introduction to Aluminum Profiles

C01

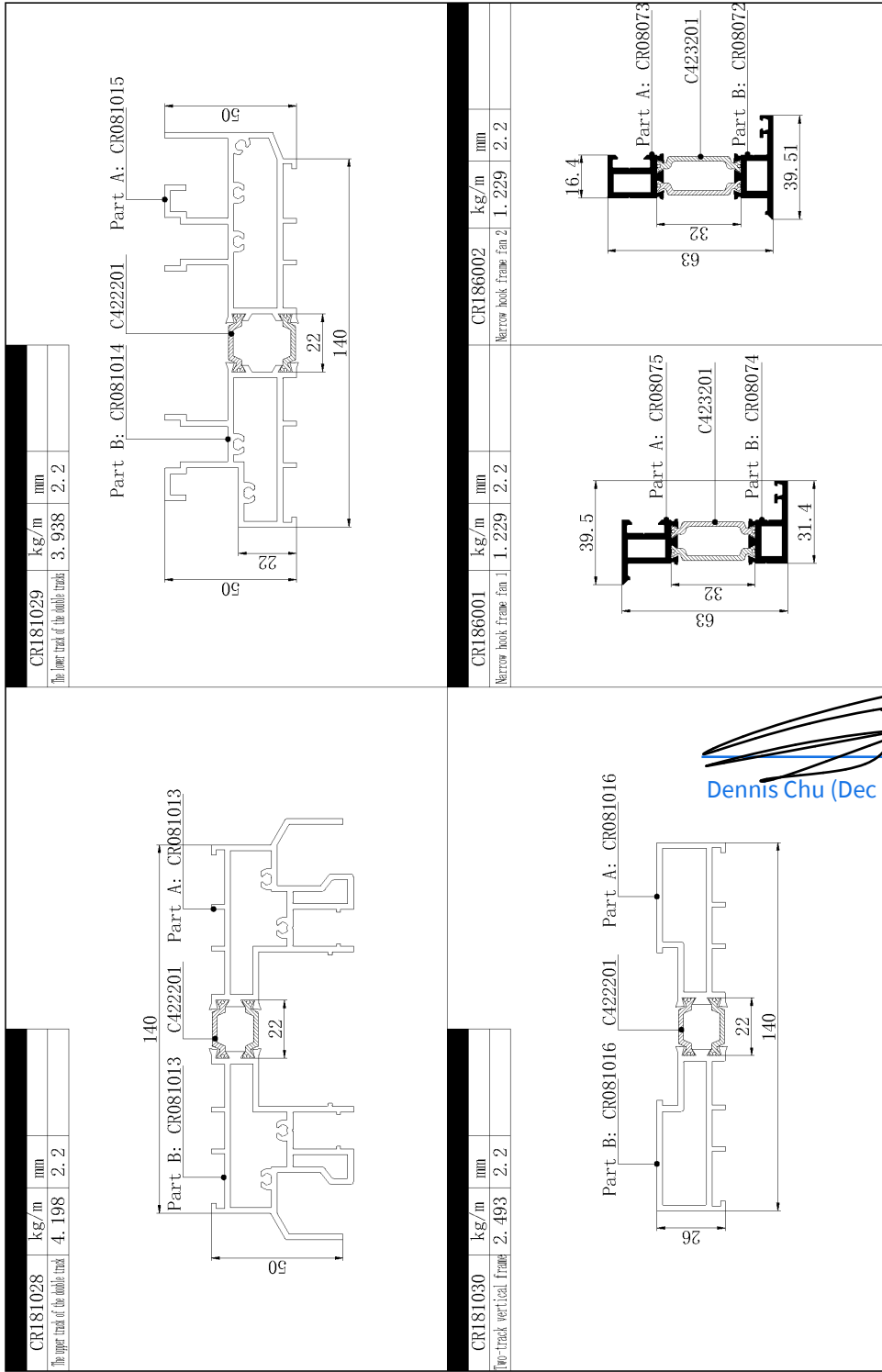
XD63LS Lift Sliding Door System Product Technical Manual

Figure 34 Drawing of XD63 Lift Sliding Door Alum. Profile and Hardware Summary

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Introduction to Aluminum Profiles

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C01

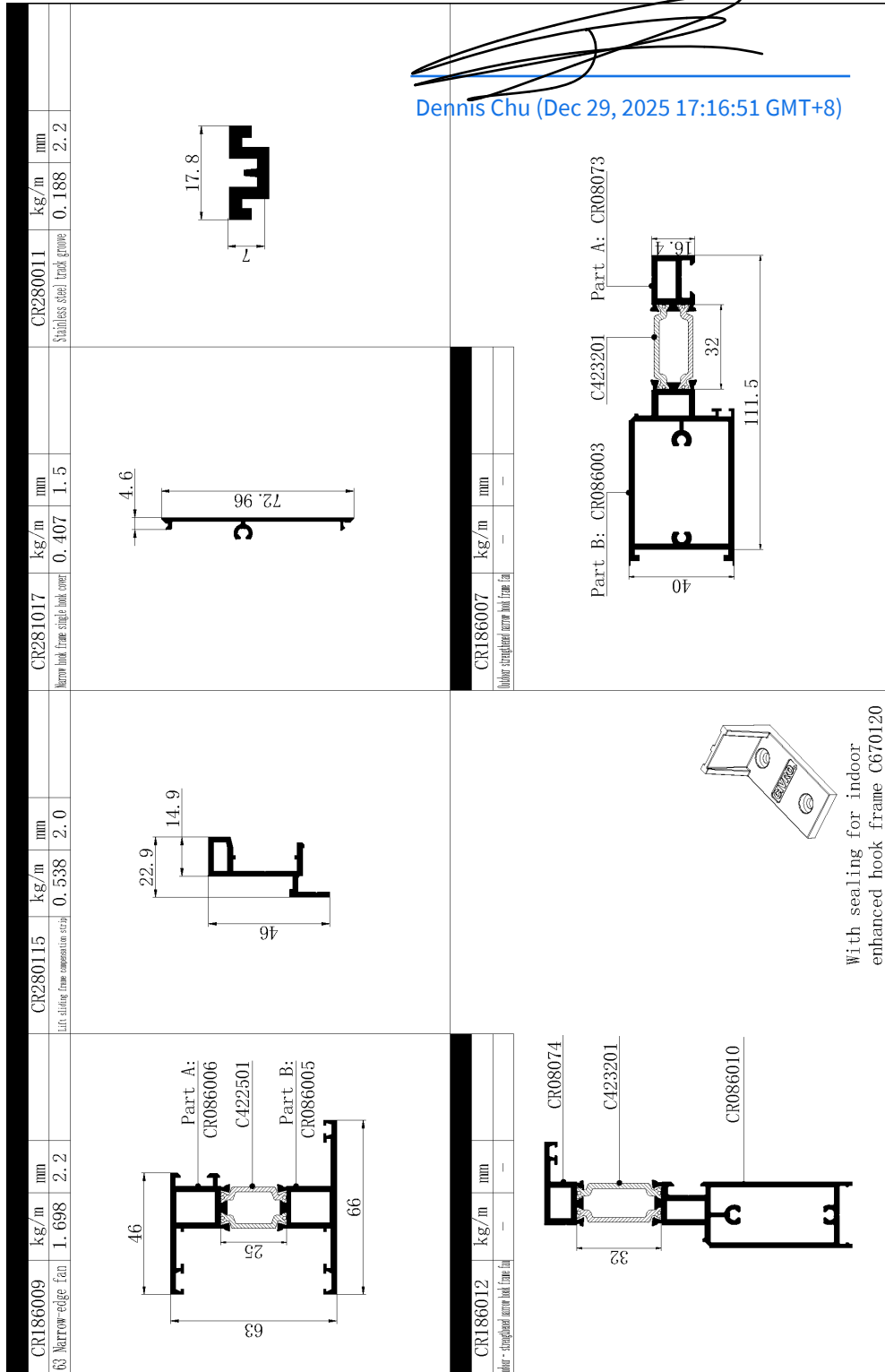
X063LS Lift Sliding Door System Product Technical Manual

Figure 35 Drawing of Profile Section Details 1

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Introduction to Aluminum Profiles

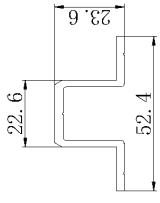

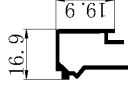
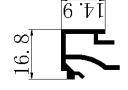
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Introduction to Aluminum Profiles

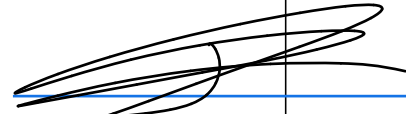
Figure 36 Drawing of Profile Section Details 2

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CR280112	kg/m	mm	CR288003	kg/m	mm	CR210007	kg/m	mm	CR28062	kg/m	mm
Lift sliding door metal frame	0.667	2.2	Decorate cover	0.098	1.2	Pressure strip 1724	0.279	1.4	Pressure strip 1715	0.276	1.6
											

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Introduction to Aluminum Profiles


C03

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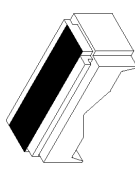
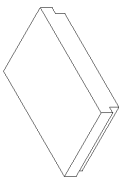
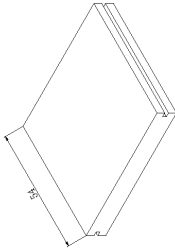
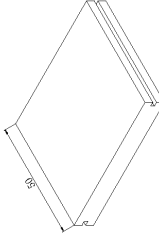
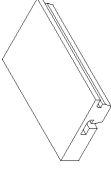
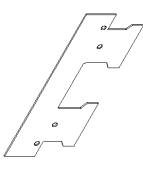
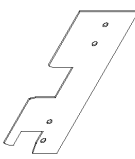

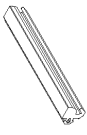
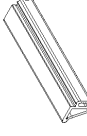
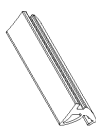
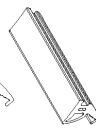
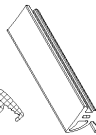


Figure 37 Drawing of Profile Section Details 3

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Name: C310005 Material: CR4305 Notes: Lower hook frame sealing cotton	Name: C310006 Material: CR4305 Notes: Lower track waterproofing component sealing cotton	Name: C310008 Material: CR4305 Notes: Upper track sealing gasket	Name: C310009 Material: CR4305 Notes: Lower track sealing gasket	Name: C310012 Material: CR4305 Notes: Narrow hook frame sealing foam cotton
				
Name: C318086 Material: Butyl rubber Notes: The upper track of the double track waterproof gasket	Name: C318087 Material: Butyl rubber Notes: The lower track of the double track waterproof gasket	Name: C331006 5X8 Stripes Material: Siliconization + fluorination hook frame seal	Name: C358010 Outside rubber strip Material: Foaming-EPDM Notes: Glass encapsulation	Name: C358011 Sealing rubber strip Material: EPDMfoaming Notes: fan seal
				
Name: C358012 Inside rubber strip Material: EPDM Notes: Glass encapsulation	Name: C358013 Inside rubber strip Material: EPDM Notes: Glass encapsulation	Name: C358014 Inside rubber strip Material: EPDM Notes: Glass encapsulation	Name: C358016 Inside rubber strip Material: EPDM Notes: Glass encapsulation	Name: C358017 Inside rubber strip Material: EPDM Notes: Glass encapsulation

Accessory Introduction

D01

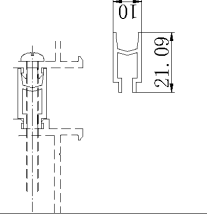
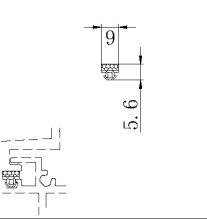
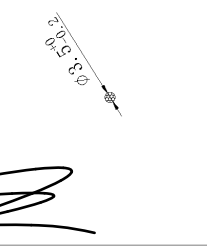
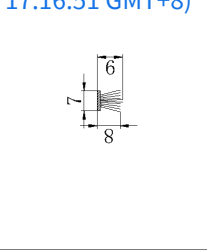
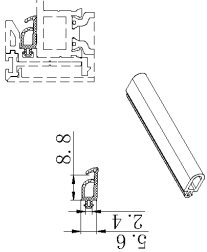
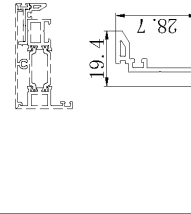
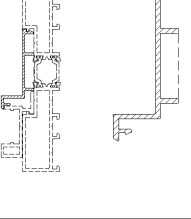
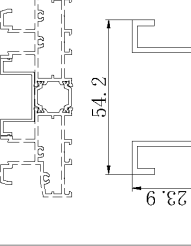
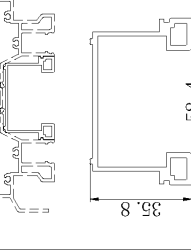
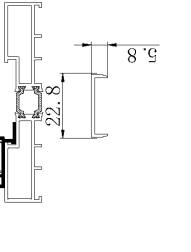
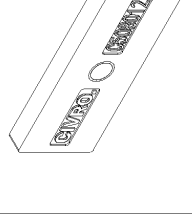

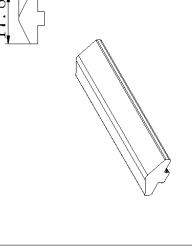
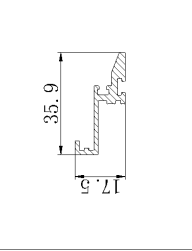
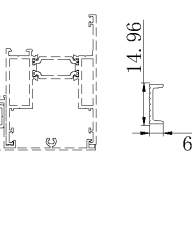
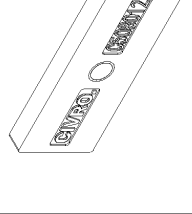

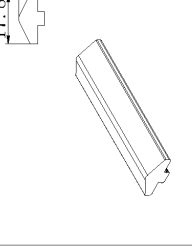
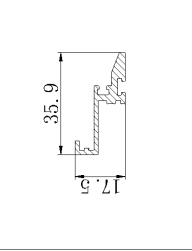
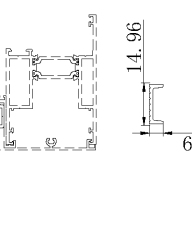
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Figure 38 Drawing of Accessory Components 1 (Details of Gasket & Other components)

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					<p>Name: C400002 Material: --- Notes: Insulation strip</p> 	<p>Name: C358008 Material: --- Notes: Impact rubber strip 2</p> 	<p>Name: C355010 Material: EPDM Notes: Foaming rubber rod</p> 	<p>Name: C331025 Material: Siliconized Stripes + Non-woven Fabric Notes: HF-TMS Siliconized Narrow Fabric Stripes</p> 	<p>Name: C358039 Material: Foaming+EPDM Notes: hook frame seal</p> 	<p>Name: C28005 Material: PVC Notes: narrow hook frame clasp strip</p> 	<p>Name: C420014 Material: PVC Notes: Mullion clasp strip</p> 	<p>Name: C28005 Material: PVC Notes: Lower track drain clasp strip</p> 	<p>Name: C420024 Material: PVC Notes: Upper track clasp strip</p> 	<p>Name: C428035 Material: PVC Notes: Decorate cover</p> 	<p>Name: C508012 Material: Square Nut Notes: Stainless steel</p> 	<p>Name: C505100 Material: Threaded pin Notes: 304 Stainless steel</p> 	<p>Name: C45003 Material: V-shaped track Notes: 304 Stainless steel</p> 	<p>Name: C45007 Material: PVC Notes: Mullion narrow hook frame clasp strip</p> 	<p>Name: C428035 Material: TPV Notes: Hook frame decorate</p> 
---	---	--	---	---	--	---	--	---	--	---	--	--	--	---	---	---	---	---	--

Accessories Introduction

D02

Accessories Introduction

Figure 39 Drawing of Accessory Components 2 (Details of Gasket & Other components)

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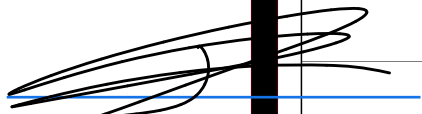
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Azuma Testing Limited

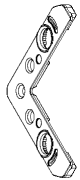
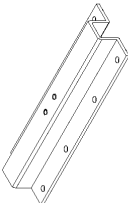
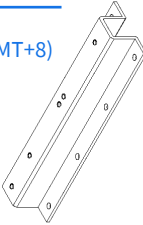
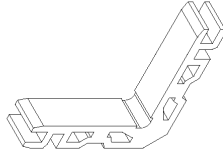
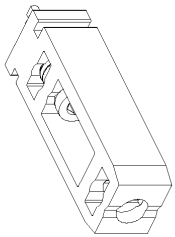
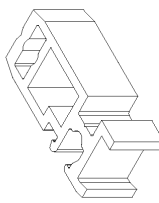
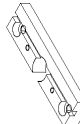
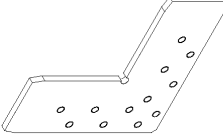
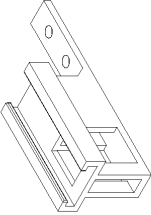
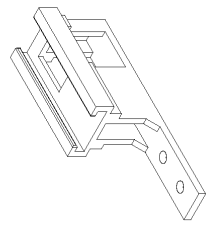
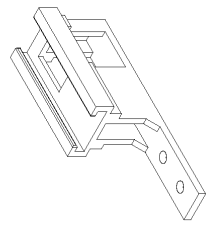
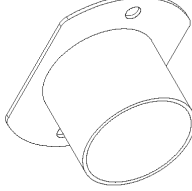

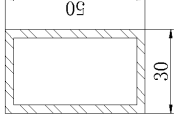
香港新界沙田火炭山尾街 43-47 號環球工業中心地下 6 號
Workshop No. 6, G/F, World-wide Industrial Centre,
43-47 Shan Mei Street, Fotan, Shatin, N.T., Hong Kong
W: www.azumatesting.com

澳思万(江门市)测试有限公司
Azuma (Jiangmen) Testing Limited

江门市江海区龙溪路 80 号 4 栋 101 室
Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk


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Name C553004 Die-cast aluminium alloy Material Aluminium alloy Notes Corner connection	Name C554027-1500 Material Aluminium Notes Ordinary pulley-hole	Name C555179 Corner joint piece 4 Material Aluminium alloy Notes Used in single track	Name C555172-L100 Material Aluminium alloy Notes Medium-narrow edge for angle bracket	Name C555173 T-connection component 1 specialized for narrow window sash Material Aluminium alloy Notes T connection
				
Name C555175 Connector Material Aluminium alloy Notes T connection	Name C552008 BT Lock bracket adjustment Material Aluminium alloy Notes Handle assembly	Name C555179 Corner joint piece 4 Material Aluminium alloy Notes Used in single track	Name C542006 BT Lock bracket Material Stainless steel Notes For ordinary sliding used	Name C542007 BT upper Lock bracket Material Stainless steel Notes For ordinary sliding used
				
Name C542007 BT upper Lock bracket Material Stainless steel Notes For ordinary sliding used	Name C55906 Narrow-edge discharge flange connection Material SUS304 Notes	Name C542009 Precision casting 304 stainless steel Medium-narrow lifting Lock bracket Material Stainless steel Notes Medium-narrow lifting Lock bracket	Name 50X30-3.0 U-steel hook frame reinforcement Material U-steel Notes hook frame reinforcement	

Accessory Introduction

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XD63LS Lift Sliding Door System Product Technical Manual

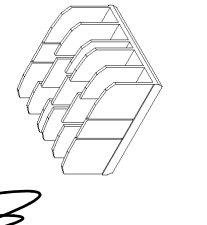
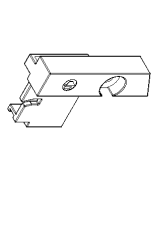

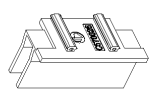
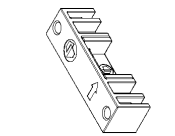

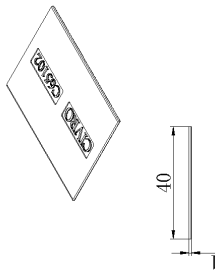
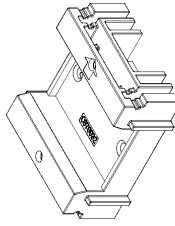

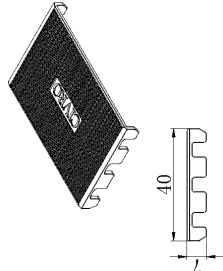


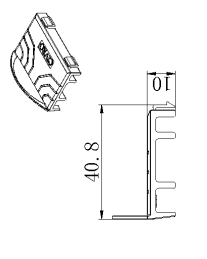
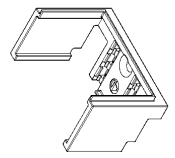
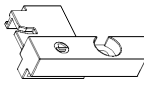
Figure 40 Drawing of Accessory Components 3 (Details of Hardware & Other Components)

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CIVRO.
Windows & Facades System

 <p>40.8</p>	<p>Name: C655055 Glass block Material: PA6 Notes: Glass installation</p>	 <p>Name: C670027 Sealing block for upper frame Material: Silica gel Notes: Frame seal</p>	 <p>Name: C670024 Left of sump tank sealing Material: PA6 Notes: Frame seal</p>
	<p>Name: C670023 Wind-proof and drainage valve Material: PA6 Notes: Frame drainage</p>	 <p>Name: C670022 Lower tank waterproofing component Material: PA6 Notes: Frame seal</p>	 <p>Name: C670027 Sealing for waterproofing plate 2 Material: PA6 Notes: Upper frame decorate</p>
 <p>40</p>	<p>Name: C655101 Glass block Material: PA6 Notes: Glass installation</p>	 <p>Name: C670023 Wind-proof and drainage valve Material: PA6 Notes: Frame drainage</p>	 <p>Name: C670027 Sealing for waterproofing plate 1 Material: PA6 Notes: Upper frame decorate</p>
 <p>40</p>	<p>Name: C658018 Anti-sway block Material: PA6 Notes: Door sash assembly</p>	 <p>Name: C670023 Wind-proof and drainage valve Material: PA6 Notes: Frame drainage</p>	 <p>Name: C670027 Sealing for waterproofing plate 2 Material: PA6 Notes: Upper frame decorate</p>
 <p>40.8</p>	<p>Name: C670023 Wind-proof and drainage valve Material: PA6 Notes: Hook frame seal</p>	 <p>Name: C670027 Sealing for waterproofing plate 1 Material: PA6 Notes: Upper frame decorate</p>	 <p>Name: C670027 Sealing for waterproofing plate 2 Material: PA6 Notes: Upper frame decorate</p>

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Accessory Introduction

Figure 41 Drawing of Accessory Components 4 (Details of Gasket and Hardware)

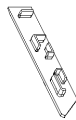
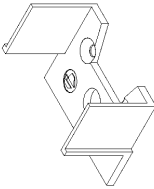
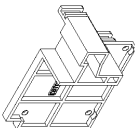
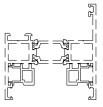
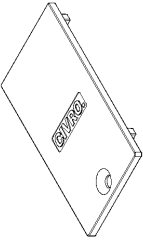
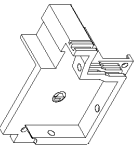
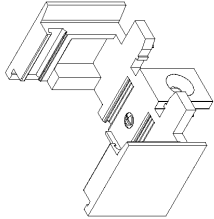
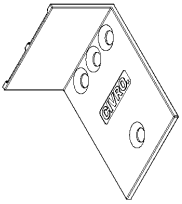

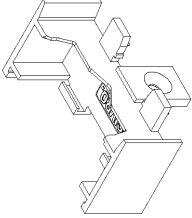
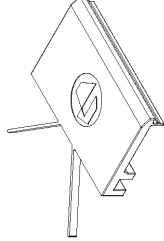

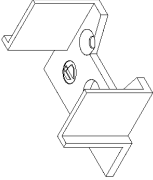
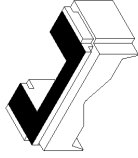
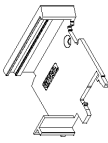
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ACCREDITATION

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	<p>Name: C670074 Material: PA6 Notes: With C55172-100 angle bracket.</p>		<p>Name: C670093 Material: PA6 Notes: For lower sealing for medium narrow ordinary sliding</p>		<p>Name: C670071 Material: PA6 Notes: Extremely narrow sink sealing A</p>
 <p>18</p> <p>14.7</p>	<p>Name: C420013 Material: PVC Notes: Sealing for door sash</p>		<p>Name: C670018 Material: PA6 Notes: Sealing for supplementary reinforced hook frame</p>		<p>Name: C670072 Material: PA6 Notes: Extremely narrow sink sealing B</p>
	<p>Name: C670044 Material: PA6 Notes: Sealing for closing up</p>		<p>Name: C670044 Material: PA6 Notes: Door sash decorate</p>		<p>Name: C670040 Material: PA12 Notes: Sealing for reinforced hook frame of reinforced lower sash</p>
	<p>Name: C670045 Material: PA6 Notes: Sealing for closing up</p>		<p>Name: C658049 Material: PA6 Notes: Special glass block with narrow edges</p>		<p>Name: C670040 Material: PA12 Notes: Sealing for reinforced hook frame of reinforced lower sash</p>
	<p>Name: C670092 Material: PA6 Notes: For upper sealing for medium narrow ordinary sliding</p>		<p>Name: C310015 Material: CR4305 Notes: Special lower sealing foam for conventional hook frame</p>		<p>Name: C670048 Material: PA12 Notes: Sealing for reinforced hook frame of reinforced lower sash</p>

Accessory Introduction

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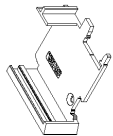
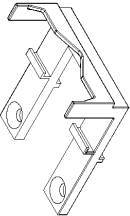
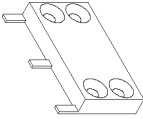
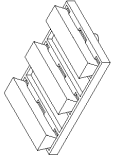
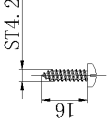
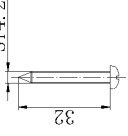
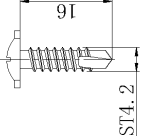
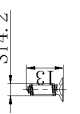
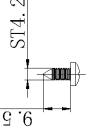
Figure 42 Drawing of Accessory Components 5 (Details of Hardware Other Components)

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 Name: C67004 Right sealing for big corner Material: PA12 Notes: Sealing for corner (not for use of vertical corner pasters tabs)	 Name: C670111 Weather-resistant adhesive Material: PA12 Notes: Large sealing for fitting between of frame corner essential look frame	 Name: C670112 Sectional anti-seepage adhesive Material: PA12 Notes: Sealing wall (not for use of corner essential look frame)	 Name: C81004 Two-component adhesive Material: PA6 Notes: C81004 back frame waterproof wall strip snap fastener	 Name: C704216-SPF9 Counter slot punched anti-fogging screw Material: 304 Stainless steel Notes: ST4.206 Counter slot punched anti-fogging screw	 Name: C704232-SPF9 Counter slot punched anti-fogging screw Material: 304 Stainless steel Notes: ST4.202 Counter slot punched anti-fogging screw	 Name: C500026 Large diameter anti-fogging self-tapping screw Material: 304 Stainless steel Notes: ST4.2 Large diameter anti-fogging self-tapping screw	 Name: C812001 Teflon tape Material: 304 Stainless steel Notes: ST4.2015 Counter slot punched anti-fogging screw	 Name: C704213-SCF9 Counter slot punched anti-fogging screw Material: 304 Stainless steel Notes: ST4.2013 Counter slot punched anti-fogging screw
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Accessories Introduction

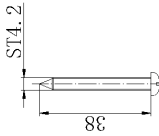


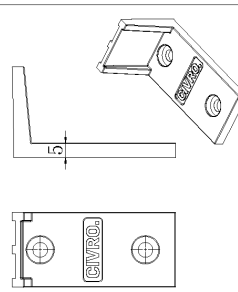


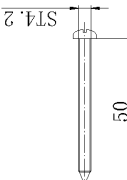
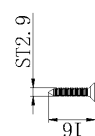
D06


Accessories Introduction

Figure 43 Drawing of Accessory Components 6 (Details of Fastener and Other Components)

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	<p>Name: C704238-SPF9 Material: 304 Stainless steel Notes: STA.238 cross-hole panhead self-tapping screws</p>	<p>Name: C704014-MCF9 Material: 304 Stainless steel Notes: Cross-slot countersunk machine screw</p> 	<p>Name: C704222-SCF9 Material: SUS304 Notes: Frame connection</p> 	<p>Name: C706010-HSF9 Material: 304 Stainless steel Notes: Hexagon socket head cap screws</p> 	<p>Name: Sealing for interior reinforced look frame C700120 Material: PA6 Notes: -</p>
	<p>Name: C706020-MCF9 Material: 304 Stainless steel Notes: Cross-slot countersunk machine screw</p>	<p>Name: C702916-SCF9 Material: 304 Stainless steel Notes: Countersunk self-tapping screw (ST2, 91B)</p> 	<p>Name: C704216-SCF9 Material: SUS304 Notes: Fixed sealing block for the upper frame</p>	<p>Name: C704250-SPF9 Material: 304 Stainless steel Notes: Cross-slot panhead self-tapping screws</p> 	<p>Name: Drainage clasp strip C700021 Material: PVC Notes: -</p>
	<p>Name: C702916-SCF9 Material: 304 Stainless steel Notes: Countersunk self-tapping screw (ST2, 91B)</p>	<p>Name: Drainage clasp strip C700021 Material: PVC Notes: -</p>	<p>Name: Drainage clasp strip C700021 Material: PVC Notes: -</p>	<p>Name: Drainage clasp strip C700021 Material: PVC Notes: -</p>	<p>Name: Drainage clasp strip C700021 Material: PVC Notes: -</p>


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Accessory Introduction

D07

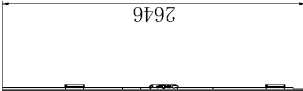
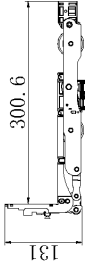
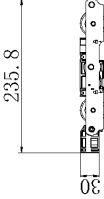
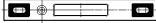
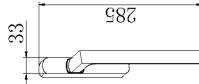
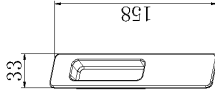
X063LS lift Sliding door System Product Technical Manual

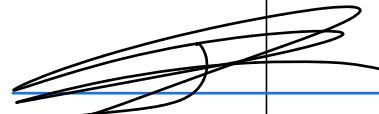
Figure 44 Drawing of Accessory Components 7 (Details of Fastener and Other Components)

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Name	Brand	Code	Name	Brand	Code	Name	Brand	Code	Name	Brand	Code
Transmission box	Sobinco	C721034-2600	Front pulley	Sobinco	C733036	Rear pulley	Sobinco	C733037	Lock bracket	Sobinco	C742082
											
	Sobinco	C710127	Clasping handle	Sobinco	C710025						
											


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Introduction to Aluminum Profiles

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Figure 45 Drawing of Hardware

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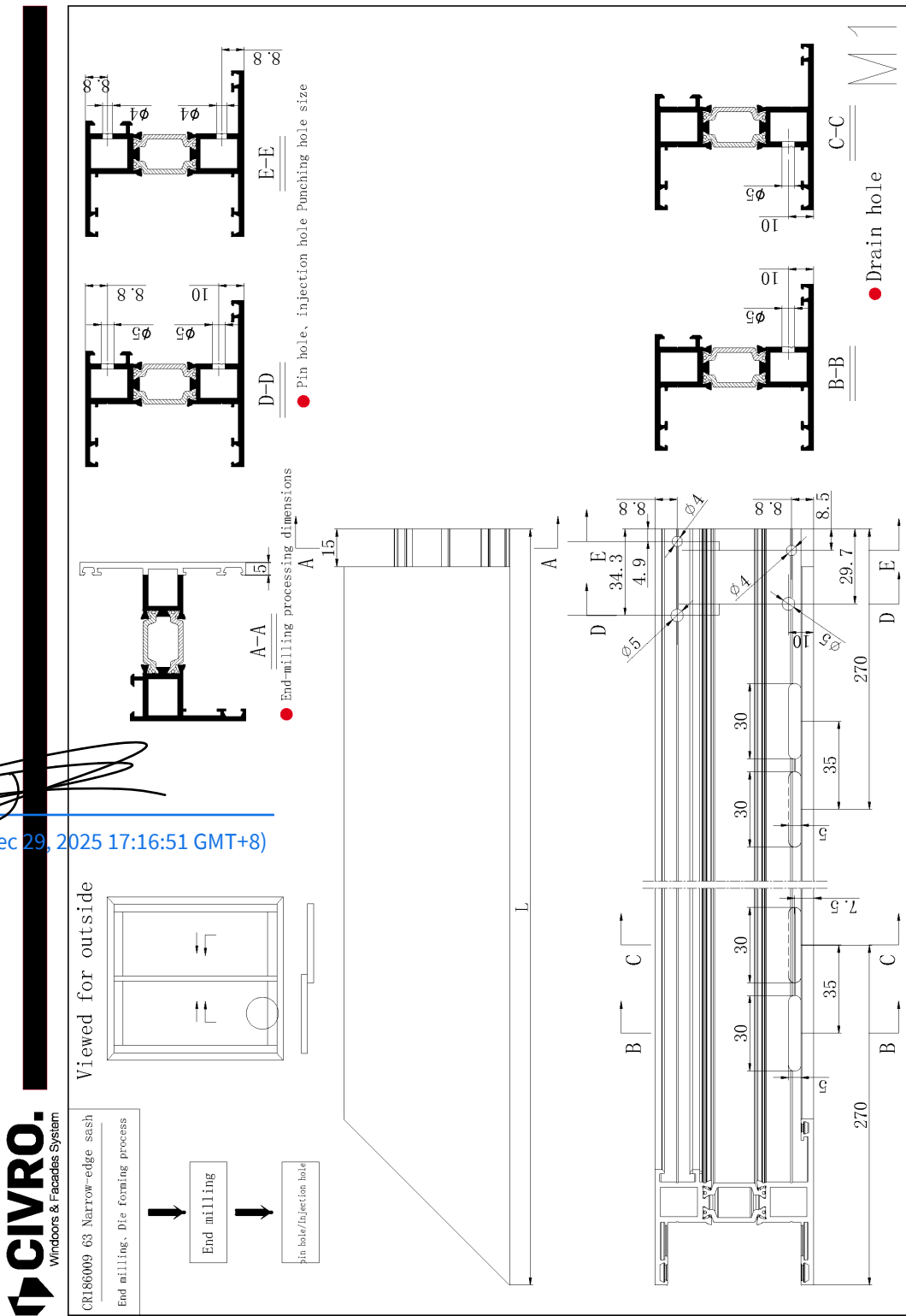
東方檢測有限公司
Azuma Testing Limited

香港新界沙田火炭山尾街 43-47 號環球工業中心地下 6 號
Workshop No. 6, G/F, World-wide Industrial Centre,
43-47 Shan Mei Street, Fotan, Shatin, N.T., Hong Kong
W: www.azumatesting.com

澳思万(江门市)测试有限公司
Azuma (Jiangmen) Testing Limited

江门市江海区龙溪路 80 号 4 栋 101 室
Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

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Standard processing drawing

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Figure 47 Drawing of Narrow-edge Sash with Drainage System Details

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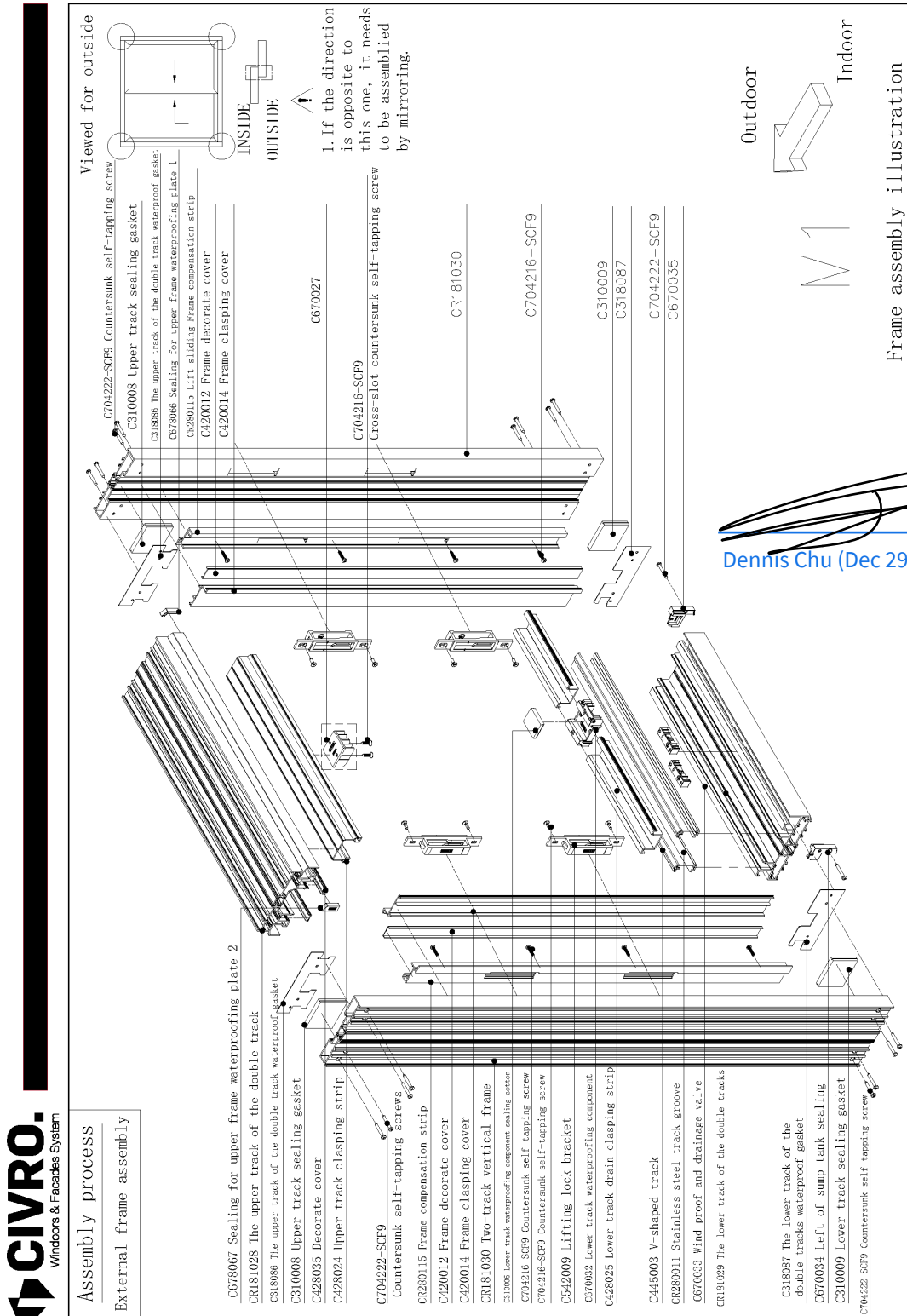
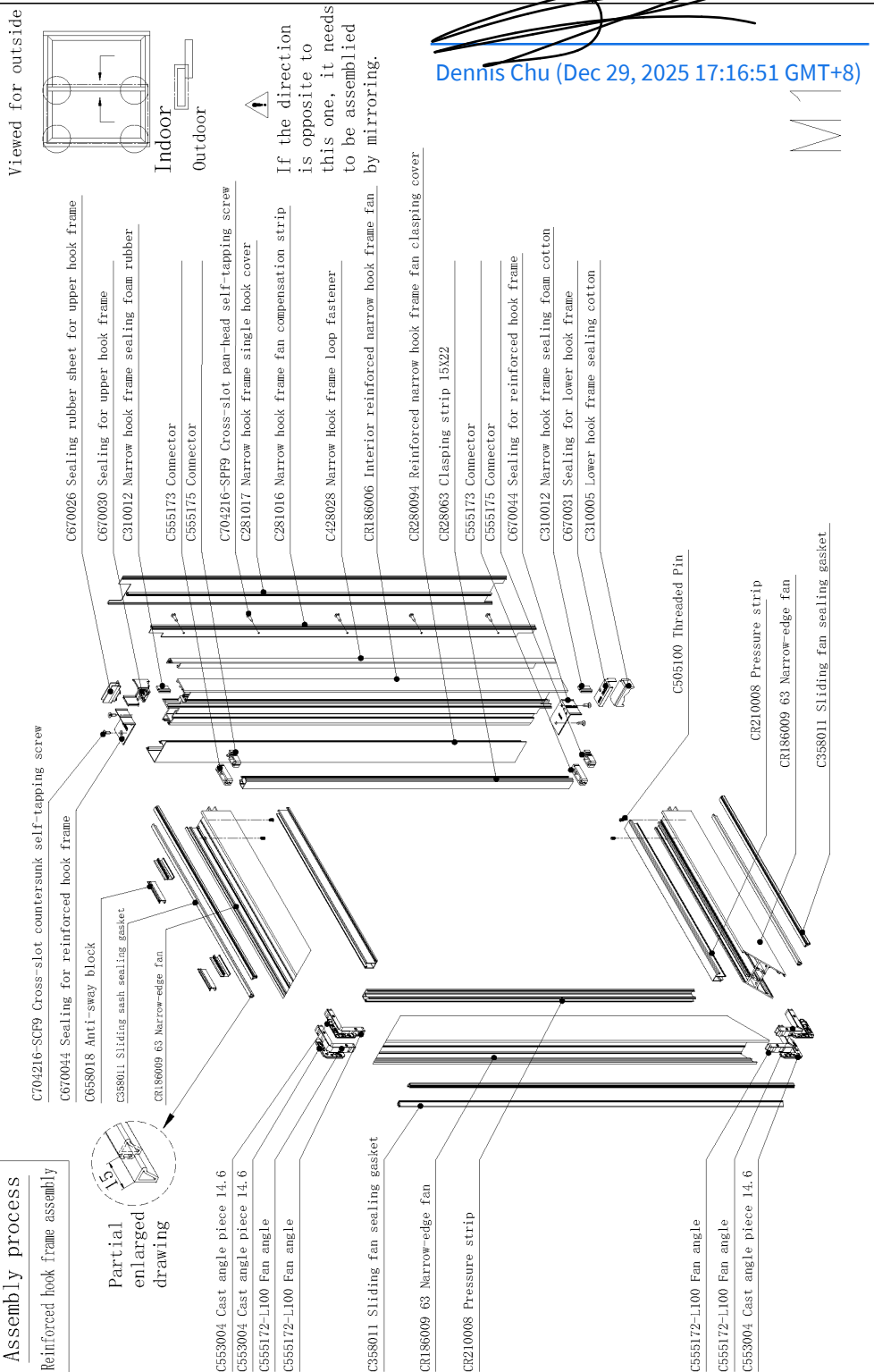


Figure 48 Drawing of External Frame Assembly Procedure

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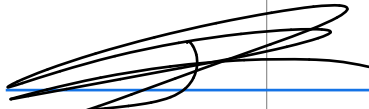
I04

Assembly and Process Diagram

Figure 49 Drawing of Reinforced hook Frame Assembly Procedure

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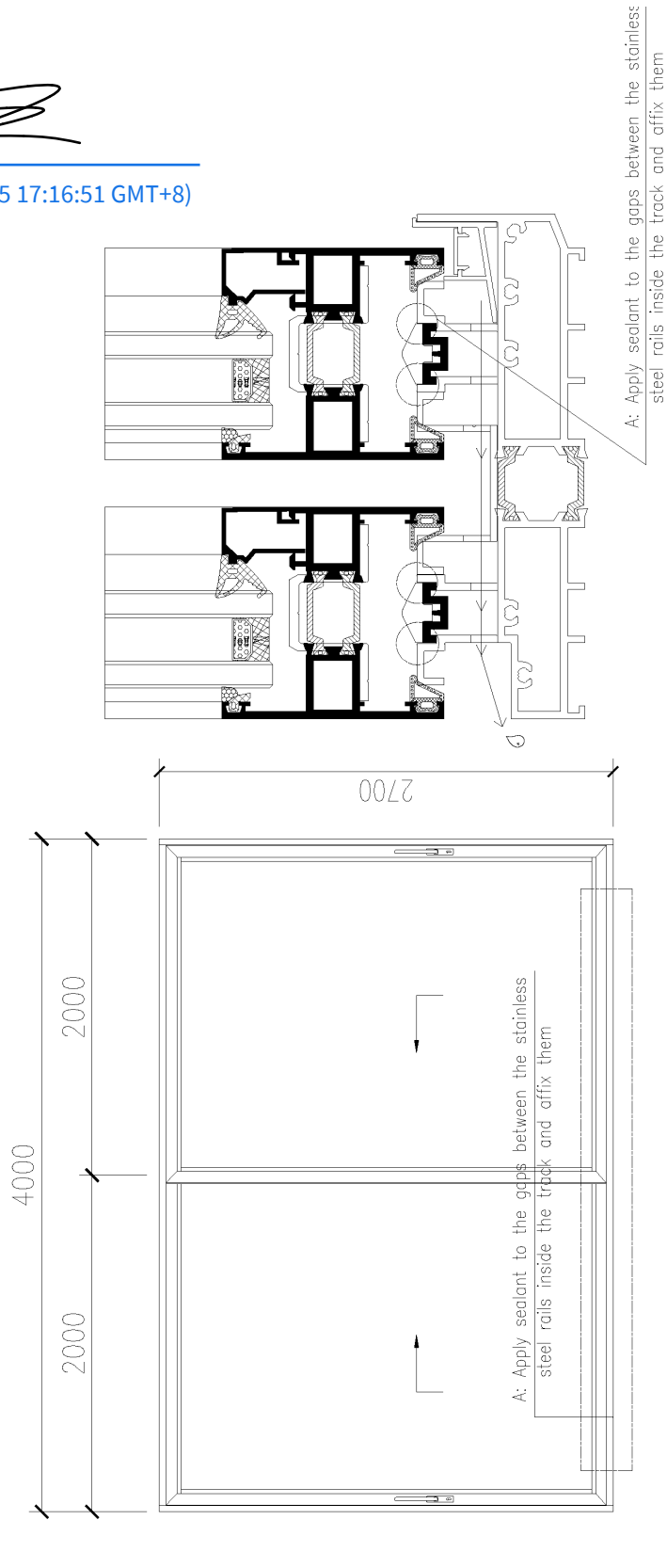
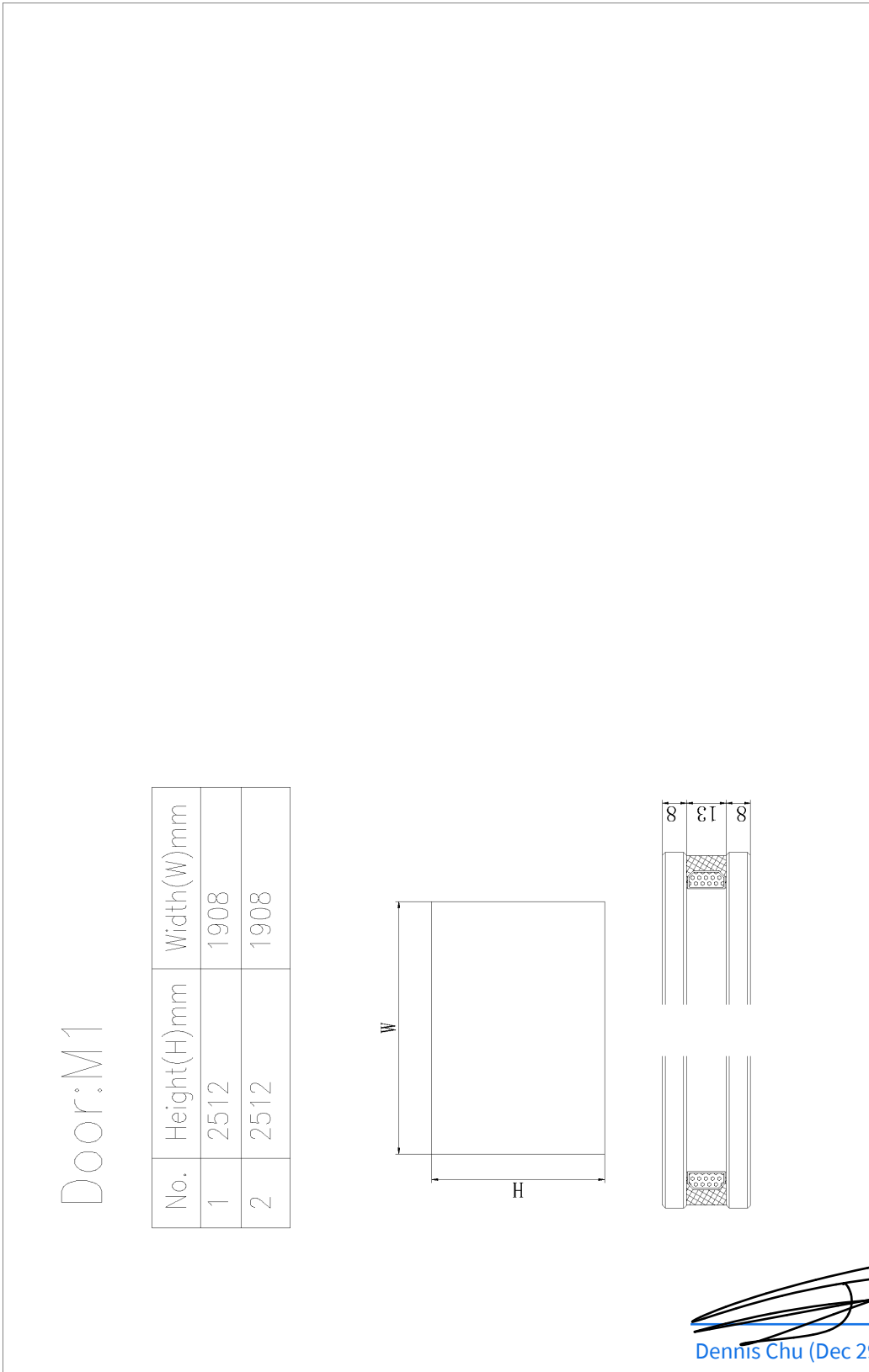


Figure 50 Drawing of Door Track Detail

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Figure 51 Drawing of Glazing

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Azuma Testing Limited

香港新界沙田火炭山尾街 43-47 號環球工業中心地下 6 號
Workshop No. 6, G/F, World-wide Industrial Centre,
43-47 Shan Mei Street, Fotan, Shatin, N.T., Hong Kong
W: www.azumatesting.com

P: +852 2494 7370

澳思万(江门市)测试有限公司
Azuma (Jiangmen) Testing Limited

江门市江海区龙溪路80号4栋101室
Room 101, Building 4, 80 Longxi Road
Jianghai District, Jiangmen City, China
M: info@azuma.com.hk

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