

FRAMELESS GLASS CURTAINS LIMITED TEST REPORT

SCOPE OF WORK

AAMA/WDMA/CSA 101/I.S.2/A440 TESTING ON P5, SLIDING/STACKING DOOR (3L/3R)

REPORT NUMBER

S2754.03-301-44-R1

TEST DATE(S)

10/29/25 - 02/24/26

ISSUE DATE

03/04/26

REVISION DATE

04/13/26

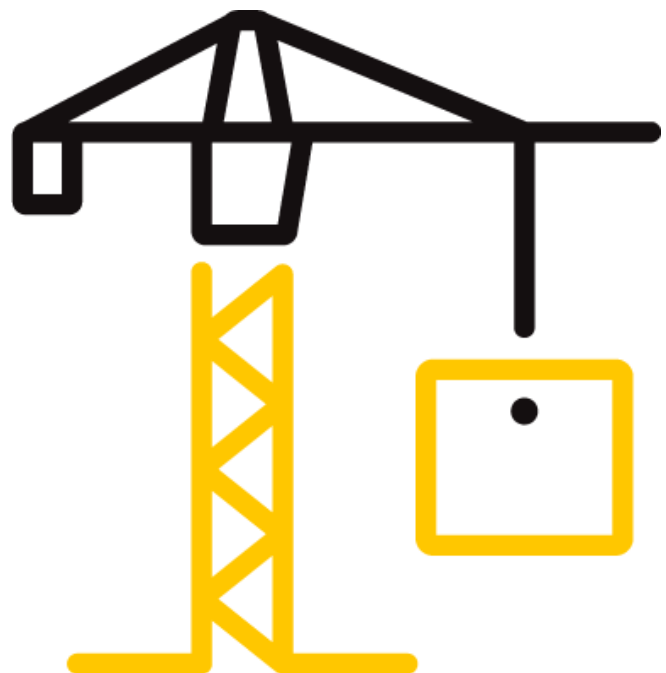
PAGES

27

DOCUMENT CONTROL NUMBER

RT-R-AMER-Test-2804 (06/21/24)

© 2017 INTERTEK





Total Quality. Assured.

2524 E. Jensen Ave
Fresno, California 93706

Telephone: 559-233-8705
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

REPORT ISSUED TO

FRAMELESS GLASS CURTAINS LIMITED

Ballard Business Park, Cuxton Road
Unit 6
Strood, Kent ME2 2NY

SECTION 1

SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Frameless Glass Curtains Limited, Strood, Kent to perform testing in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 on their P5, Sliding/Stacking Door (3L/3R). Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at the Intertek test facility in Fresno, California where testing was completed.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will service this report for the entire test record retention period. The test record retention period ends five years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained for the entire test record retention period.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule, also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

For INTERTEK B&C:

COMPLETED BY:	Jarod Hardman	REVIEWED BY:	Tyler Westerling, P.E.
TITLE:	Senior Project Lead	TITLE:	Regional Manager
SIGNATURE:		SIGNATURE:	
DATE:	04/13/26	DATE:	04/13/26

JSH:ms

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 2

SUMMARY OF TEST RESULTS

TITLE	RESULTS
AAMA/WDMA/CSA 101/I.S.2/A440-22	Class LC – DP25: Size Tested 6150 x 2100 mm (242-1/8 x 82-43/64 In.) – Type FLD
Design Pressure	±1440 Pa (±30.08 psf)
Air Infiltration	<0.1 L/s/m ² (<0.01 cfm/ft ²)
Water Penetration Resistance Test Pressure	180 Pa (3.76 psf)

SECTION 3

TEST SPECIFICATION(S)/METHOD(S)

The specimens were evaluated in accordance with the following:

AAMA/WDMA/CSA 101/I.S.2/A440:22, *North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

The following test methods were used during testing:

ASTM E283/E283M-19, *Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen*

ASTM E330/E330M-14(2021), *Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference*

ASTM E547-00(2016), *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference*

ASTM E987-88(2017), *Standard Test Methods for Deglazing Force of Fenestration Products*

ASTM E2068-00(2022), *Standard Test Method for Determination of Operating Force of Sliding Windows and Doors*

AAMA 1304-18, *Voluntary Specification for Determining Forced Entry Resistance of Side-Hinged Door Systems*

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 4

MATERIAL SOURCE/INSTALLATION

Test specimen was provided by the client. Representative samples of the test specimen(s) will be retained by Intertek B&C for a minimum of five years from the test completion date.

The specimen was installed into a Douglas-Fir wood line steel test chamber. The rough opening allowed for a 3/8" shim space and the exterior perimeter of the specimen was sealed to the test buck. Installation of the tested product was performed by the client.

LOCATION	ANCHOR DESCRIPTION	ANCHOR SPACING
Through frame	#10 x 3" wood screw	29" on center jambs and sill, 20" on center at head

SECTION 5

EQUIPMENT

The following equipment was utilized to apply Forced Entry Resistance (FER) loading in accordance with AAMA 1304:

EQUIPMENT	ASSET NUMBER(S)	CALIBRATION DUE DATE
Load Cell	INT01368	03/19/26

SECTION 6

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Matt Cohen	Frameless Glass Curtains Limited
Barry Cohen	Frameless Glass Curtains Limited
Paul Beresford	Frameless Glass Curtains Limited
Neil Blunt	Frameless Glass Curtains Limited
Nicholas Bean	Intertek B&C
Jarod Hardman	Intertek B&C

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 7

TEST SPECIMEN DESCRIPTION

Product Type: Sliding/Stacking Door (3L/3R)

Series/Model: 5P

Product Size(s):

Test Specimen #1

OVERALL AREA:	WIDTH		HEIGHT	
17.84 m ² (191.97 ft ²)	Millimeters	Inches	Millimeters	Inches
Overall size	6150	242-1/8	2100	82-43/64
Panel (x6)	950	37-13/32	1965	77-23/64

Frame Construction:

MEMBER	MATERIAL	DESCRIPTION
Sill	Aluminum	Thermally broken extrusion, Part #SWL9287
Head	Aluminum	Thermally broken extrusion, Part #SWL9285
Jambs	Aluminum	Thermally broken extrusion, Part #SWL7998
Jambs	Aluminum	Locking jamb, thermally broken extrusion, Part #13
	JOINERY TYPE	DETAIL
All corners	Coped	Secured to jamb and sealed.

Panel Construction:

MEMBER	MATERIAL	DESCRIPTION
Rails	Aluminum	Thermally broken extrusion, Part #SWL9286
	JOINERY TYPE	DETAIL
All corners	N/A	N/A

Reinforcement: No reinforcement was utilized.

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

Weatherstripping:

DESCRIPTION	QUANTITY	LOCATION
Vinyl wrapped foam, Part #1	4 rows	Channel inserted into lock jamb of frame at interior and exterior face.
Polypile with fin, Part #2	4 rows	Channel inserted into head of frame at head.
Polypile with fin, Part #2	2 rows	Channel inserted into bottom rail of each panel.
Hollow bulb gasket, Part #14	2 rows	Channel inserted into bottom rail of each panel.
Polypile with fin, Part #3	2 rows	Channel inserted into lock jamb of frame at interior and exterior face.
Rubber gasket, Part #4	1 row	Adhered to each stile of each panel in opposing directions of intermediate joints.
Rubber gasket, Part #4	2 rows	Adhered to lock jamb of end panel stiles.

Glazing: No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made.

GLASS TYPE	SPACER TYPE	INTERIOR LITE	EXTERIOR LITE	GLAZING METHOD
1" IG	GL-S (Stiles) TP-D (Rails)	1/4" tempered	1/4" tempered	Channel glazed into rails with Eurobond Quick Fix flex adhesive.

LOCATION	QUANTITY	DAYLIGHT OPENING		GLASS BITE
		Millimeters	Inches	
Panel	6	950 x 1840	37-13/32 x 72-7/16	1"

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

Drainage:

METHOD	SIZE	QUANTITY	LOCATION
Weephole	1/4" diameter	6	Through sill face, 13-1/2"-15" from corner and 28-1/2"-57" on center spacing.

Hardware:

DESCRIPTION	QUANTITY	LOCATION
Locking assembly	2	Secured to jamb of frame at each jamb.
PVC strip	2 rows	Channel inserted into sill frame extrusion.
Slide pivot	2 per panel	Secured to top and bottom rail of panels.
Locating bracket	1 per panel	Secured to bottom rail of panels at opposite side to slide pivot.
Locating T-lug	2 per panel	Secured to top rail of panels at opposite side to slide pivot.

Screen Construction: *No screen was utilized.*

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 8

TEST RESULTS

The temperature during testing was 13-21°C (55-70°F). The results are tabulated as follows:

Test Specimen #1:

TITLE OF TEST	RESULTS	ALLOWED	NOTE
Operating Force, per ASTM E2068	Initiate Motion: 22.2 N (5.0 lbf) Maintain Motion: 13.3 N (3.0 lbf) Latches: 8.9 N (2.0 lbf)	155 N (35 lbf) max 155 N (35 lbf) max 100 N (22.5 lbf) max	
Air Leakage, Infiltration per ASTM E283 at 75 Pa (1.57 psf)	<0.1 L/s/m ² (<0.01 cfm/ft ²)	1.5 L/s/m ² (0.3 cfm/ft ²) max.	1, 2
Air Leakage, Exfiltration per ASTM E283 at 75 Pa (1.57 psf)	0.1 L/s/m ² (0.01 cfm/ft ²)	1.5 L/s/m ² (0.3 cfm/ft ²) max.	1, 2
Water Penetration, per ASTM E547 at 180 Pa (3.76 psf)	Pass	No leakage	
Uniform Load Deflection, per ASTM E330 Deflections taken at vertical panel joint +1200 Pa (+25.06 psf) -1200 Pa (-25.06 psf)	N/A	N/A	3
Uniform Load Structural, per ASTM E330 Permanent set taken at vertical panel joint +1800 Pa (+37.59 psf) -1800 Pa (-37.59 psf)	N/A	N/A	3
Forced Entry Resistance, per ASTM AAMA 1304	Pass	No entry	

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

Test Specimen #1:

TITLE OF TEST	RESULTS	ALLOWED	NOTE
OPTIONAL PERFORMANCE			
Uniform Load Deflection, per ASTM E330 Deflections taken at vertical panel joint +1440 Pa (+30.08 psf) -1440 Pa (-30.08 psf)	3.8 mm (0.15") 4.1 mm (0.16")	Report only	4, 5, 6
Uniform Load Structural, per ASTM E330 Permanent set taken at vertical panel joint +2160 Pa (+45.11 psf) -2160 Pa (-45.11 psf)	0.3 mm (0.01") 1.5 mm (0.06")	7.9 mm (0.31") max. 7.9 mm (0.31") max.	5, 6

Note 1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440 for air leakage resistance.

Note 2: Test Date 10/29/25 / Time: 9:00 AM

Note 3: The client opted to start at a pressure higher than the minimum required. Test results are reported under Optional Performance.

Note 4: The deflections reported are not limited by AAMA/WDMA/CSA 101/I.S.2/A440 for this product designation. The deflection data is recorded in this report for special code compliance and information only.

Note 5: Loads were held for 10 seconds.

Note 6: Tape and film were used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.

SECTION 9

ALTERATIONS

No alterations were required.

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

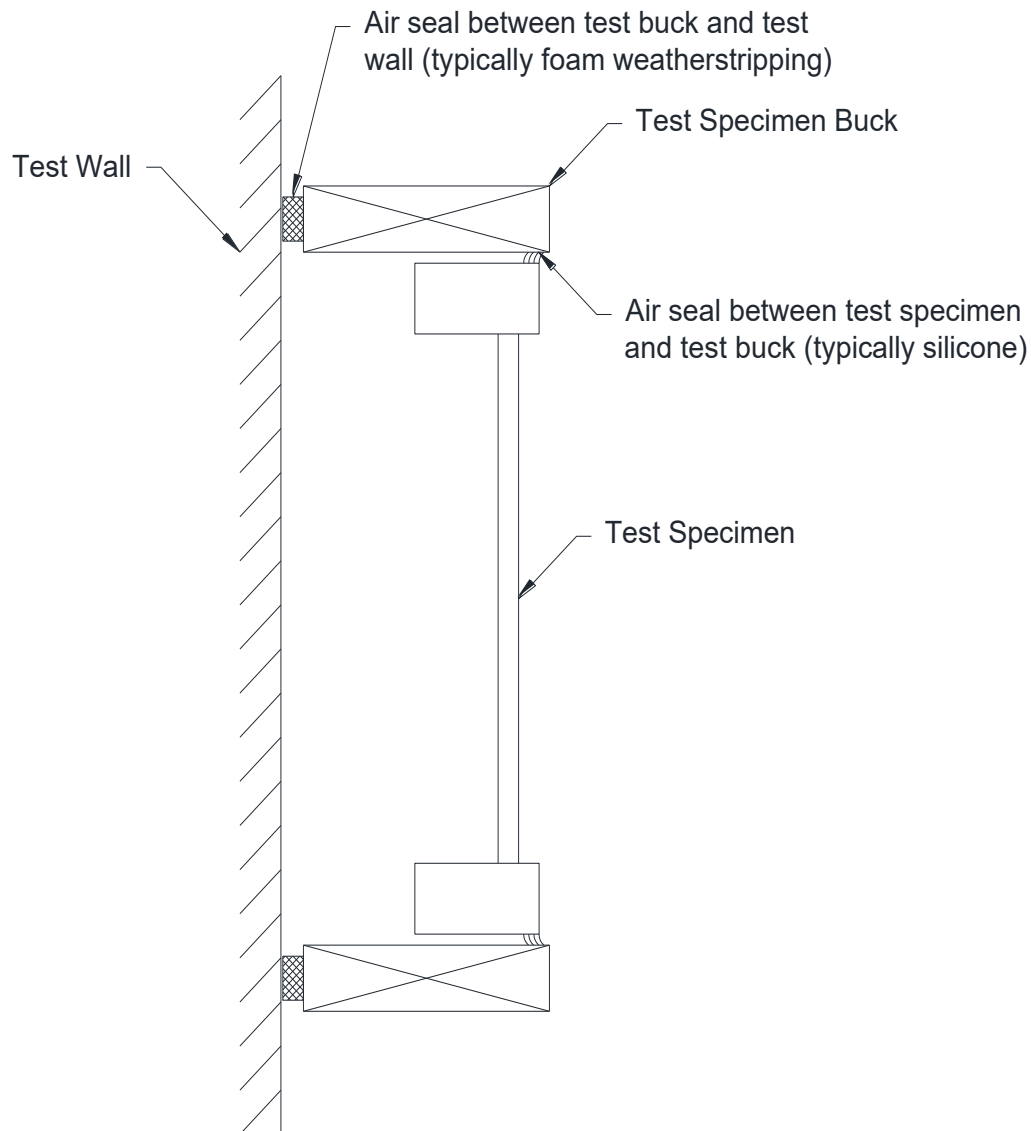
Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 10

LOCATION OF AIR SEAL

The air seal between the test specimen and the test wall is detailed below. The seal is made of foam weatherstripping and is attached to the edge of the test specimen buck. The test specimen buck is placed against the test wall and clamped in place, compressing the weatherstripping and creating a seal.





Total Quality. Assured.

2524 E. Jensen Ave
Fresno, California 93706

Telephone: 559-233-8705
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 11

CONCLUSION

The specimen tested successfully met the performance requirements for a **Class LC – DP25: Size Tested 6150 x 2100 mm (242-1/8 x 82-43/64 in.) – Type FLD** rating.

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 12

PHOTOGRAPHS



Photo No. 1
Test Specimen Overall



Photo No. 2
Test Specimen during Air Infiltration

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26



Photo No. 3
Test Specimen during Structural Wind Loading



Total Quality. Assured.

2524 E. Jensen Ave
Fresno, California 93706

Telephone: 559-233-8705
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 13

DRAWINGS

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek B&C per the drawings included in this report. Any deviations are documented herein or on the drawings.

This Drawing is the Property of Frameless Glass Curtains LTD
Bottom track level threshold is 5mm above finished floor level (FFL)
To ensure the track is not pinched a 5mm expansion gap must be used on both sides
All Internal and External Finishes are Completed by Others to Suit Frame Installation by FGC
Head Detail to be Confirmed Prior to Approval Manufacture
An 18mm tolerance to opening handle back plate is required please advise on reveal finishes prior to approval of manufacture.
Drawings show structural dimensions
FGC will allow for their own tolerance for the Manufactured Dimensions.

CRITICAL DIMENSIONS

Finished Floor Level (FFL) to Head & wall opening dimensions are critical to manufacture. The critical dimensions must NOT be changed post FGC survey. Any changes to these levels after manufacture will result in re-manufacture of FGC components at the clients expense.

Any Tolerances Shown are for FGC's fitting to allow for dimensional variations in glass panels

NOTE:

DO NOT SCALE FROM DRAWINGS
All dimensions to be checked on site by the contractor and any discrepancies to be notified to FGC prior to works being commenced.
© All Rights Reserved. Copyright in all documents and drawings prepared by FGC and in any work executed from those documents and drawings shall remain the property of FGC.

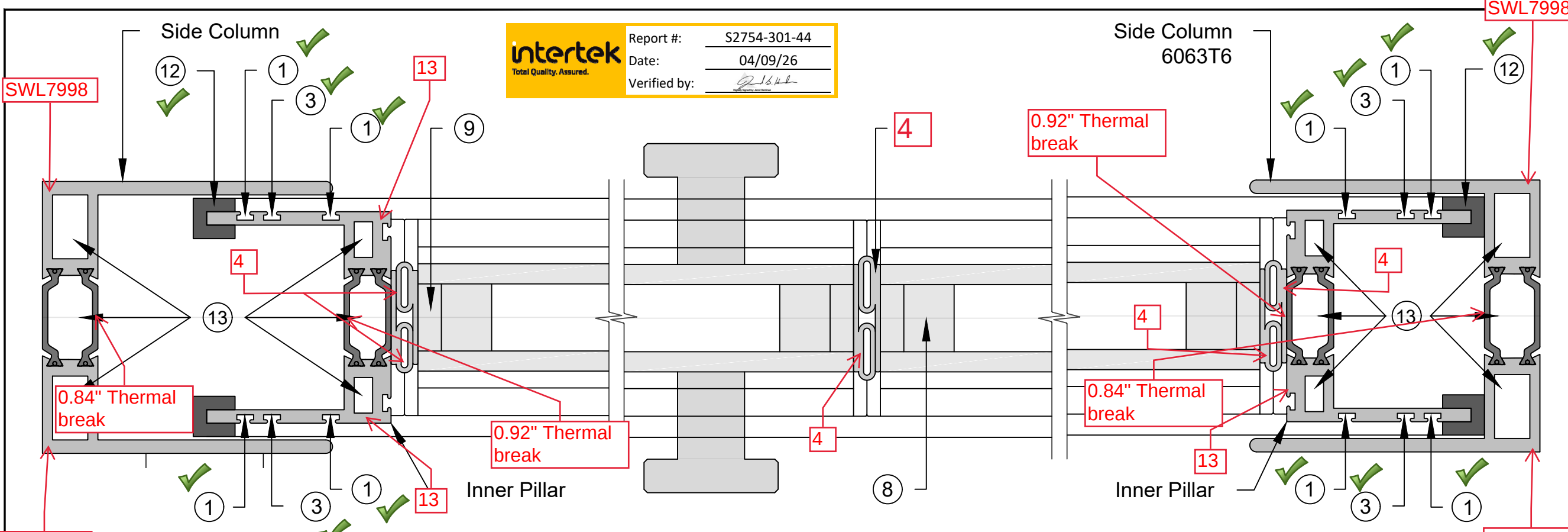
E	New FGC logo added	08/04/26
D	Extrusion insulation removed, Text added	01/04/26
C	Aluminum extrusion insulation added	02/06/25
B	P5+ Extrusions added & 6mm glass thickness used	09/04/25
A	Descriptions amended	07/04/25

REV:	DESCRIPTION:	DATE:
------	--------------	-------

CLIENT: FGC

TITLE: Horizontal & Vertical Sections
P5+ Double Glazed Seal, Fir & Insulation Areas

SCALE AT A3: 1 : 1	DATE: 08/01/25	CONTRACT NO: N/A
DRAWING NO: UVAL01-SEALS	REVISION: E	



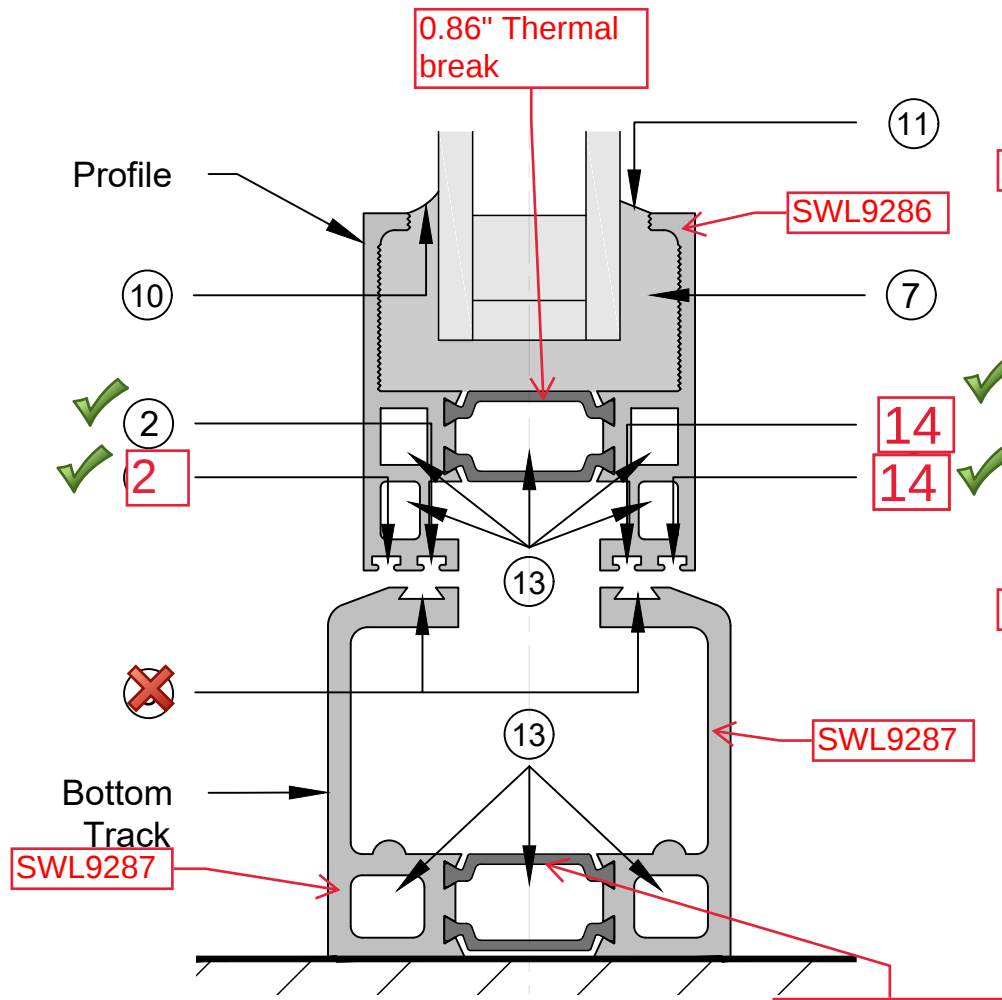
Horizontal Section
Column & Top Hat - Staid Side

Horizontal Section
Panel Joint

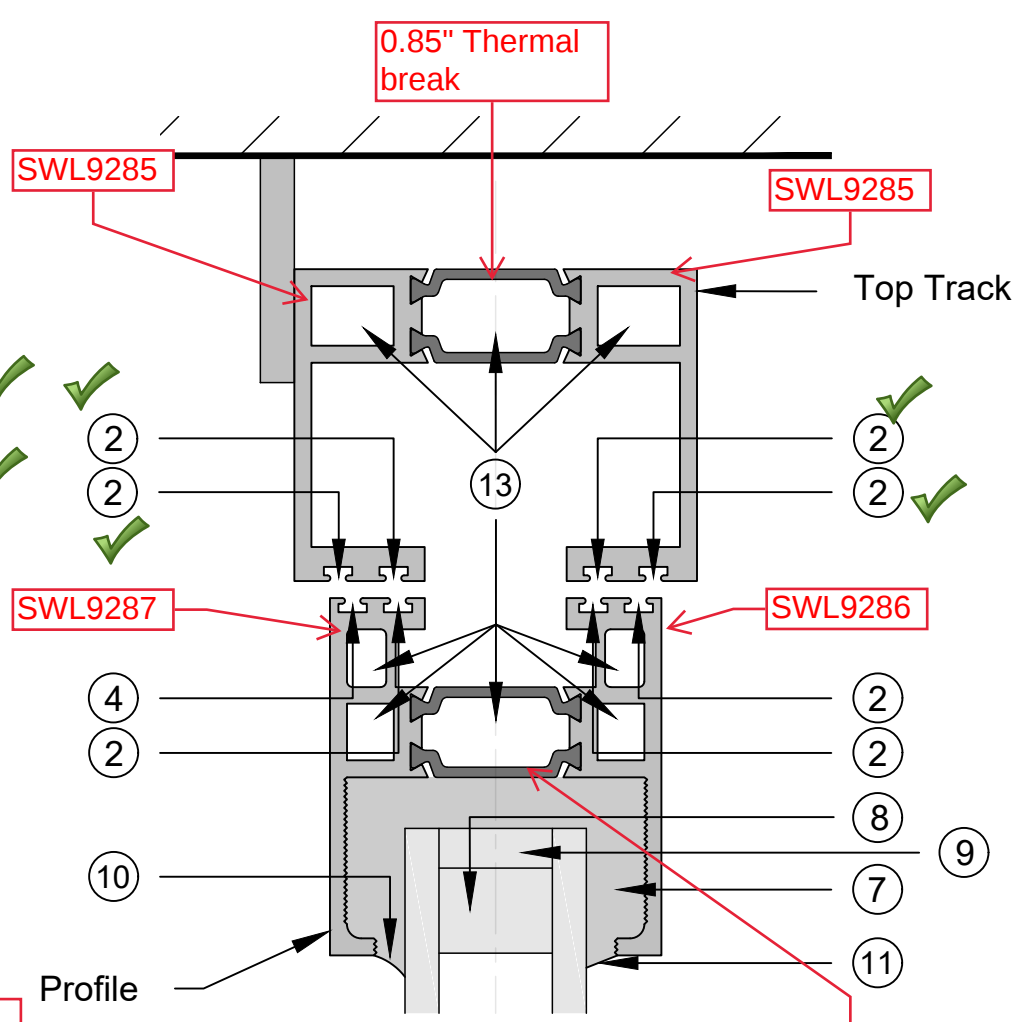
Horizontal Section
Column & Top Hat - Compression Side

- ① Schlegel/Vinyl Wrapped Foam
- ② Fur/Polypile (Large)
- ③ Fur/Polypile (Small)
- ④ Rubber Gasket
- ⑤ White PVC strip
- ⑥ Rubber P Bubble Seal
- ⑦ Eurobond Quick Fix 2-Part Flex Adhesive Fast Curing
- ⑧ Glass Spacer Bar
- ⑨ Isomelt R
- ⑩ Wurth Bond & Seal Power
- ⑪ Wurth Bond & Seal Power
- ⑫ C-Shaped White Rubber

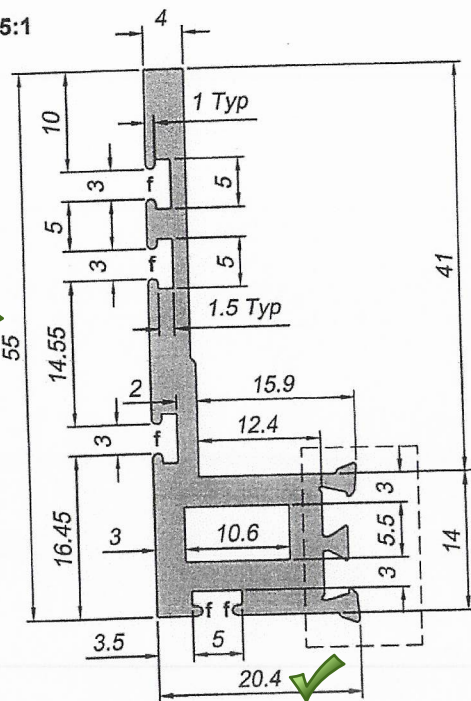
14 Hollow bulb gasket



Lower Vertical Section
Bottom Track & Panel Profile



Head Vertical Section
Top Track & Panel Profile



The diagram shows a cross-sectional view of a mechanical part. It has a vertical stem on the left and a horizontal base on the right. The vertical stem has several rectangular cutouts or grooves along its length. A dimension line labeled '2' indicates the width of the stem. A dimension line labeled '3' indicates the height of the vertical stem. The horizontal base has a rectangular cutout in the center and a series of small rectangular protrusions or teeth on its right side.

VISIBLE

L WEBB 23/3/21

Painted Aluminum

Finish:

CLIENT

Service Metals (East Anglia) Ltd

TITLE

Top hat extrusion

V = 0.00mm x 90° Vee Groove
Unspec. Radii to R0.20mm
Unspec. Thickness: 0.00mm

Visible Surface -VS — — — —

DRAWN	YT
DATE	DECEMBER 2020
SCALE	1:1 SCALE @ A4

RADII

- = 0.20
- ◊ = 0.25
- = 0.30
- x = 0.40
- = 0.50
- * = 0.75
- △ = 1.00
- @ = 1.20
- # = 1.50
- ▲ = 1.70
- = 2.00
- s = sharp
- f = full

SECTION AREA:

325.41	mm ²
--------	-----------------

EST.WEIGHT PER MTR:	
---------------------	--

0.879	kg
-------	----

EXT CIRCUMFERENCE:

200.00	mm
--------	----

INT CIRCUMFERENCE:

31.86	mm
-------	----

mat'l. 6063 T6 TO BS EN 755-9

DO NOT SCALE FROM THIS PAPER DRAWING

Quote Ref: Q11603/2022

Location Checked

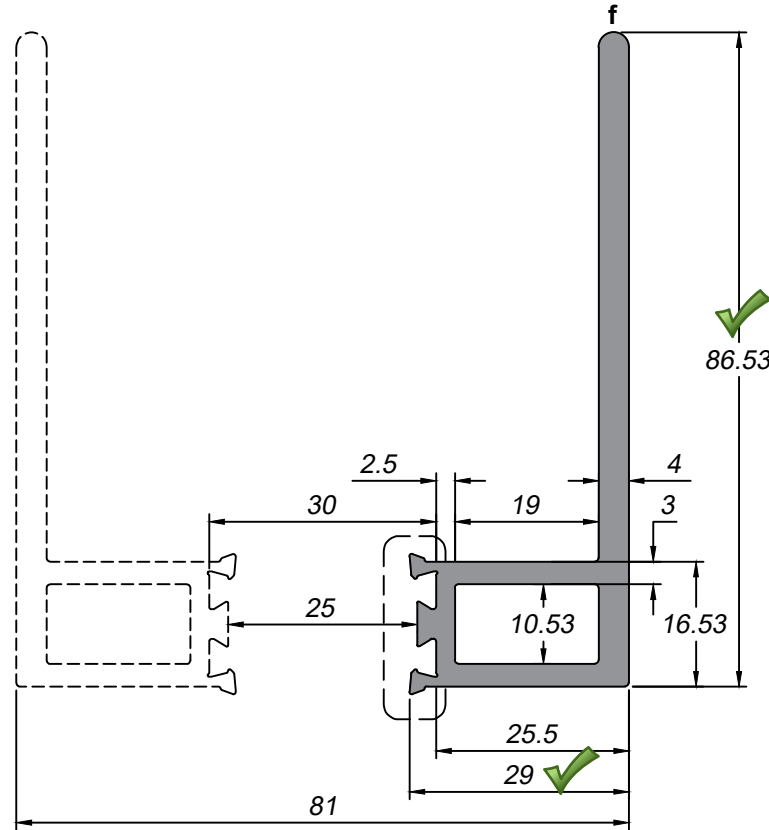
Date

Signature

CRITICAL DIMENSIONS
MUST BE CHECKED1
2
3
4
5
6
7
8
9
10PLEASE ADVISE OF
ANY AREAS WITH
CRITICAL DIMENSIONS
ABOVE.

Painted Aluminum

Scale 1:1



R1

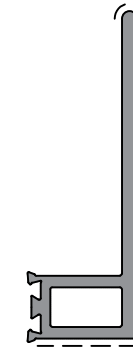
No unauthorised use, copy or disclosure of this drawing is to be made.
It is to be returned whenever required.

Rev. No.

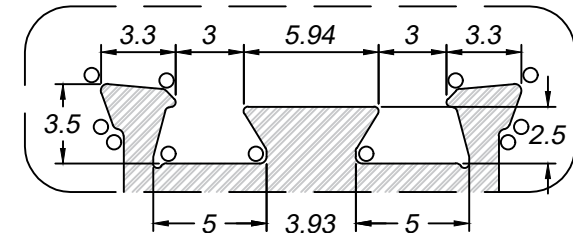
Revision

Date

Scale 1:2



Scale 3:1



Report #: S2754-301-44

Date: 11/20/25

Verified by: [Signature]

intertek
Total Quality Assured.PLEASE NOTE THAT IF THIS PROFILE IS REQUIRED IN ANODIZED QUALITY FOR A DECORATIVE FINISH AT A LATER DATE THAT BEFORE MANUFACTURE OUR
QUALITY CONTROL AND PRODUCTION DEPARTMENTS WILL HAVE TO BE MADE AWARE AND TO AGREE TO PRODUCE ANY ORDERS.

Finish:

SECTION AREA:

526.20 mm²

CLIENT

Customer Approved

Signed :

Print Name:

Date :

Service Metals (East Anglia) Ltd

V = 0.00mm x 90° Vee Groove
Unspec. Radii to R0.20mm
Unspec. Thickness: 0.00mm

Visible Surface - VS — — — —

RADII

● = 0.20

Ø = 0.25

○ = 0.30

x = 0.40

□ = 0.50

* = 0.75

△ = 1.00

@ = 1.20

= 1.50

■ = 1.70

▲ = 2.00

s = sharp

f = full

EST.WEIGHT PER MTR:

1.421 kg

EXT CIRCUMFERENCE:

247.45 mm

INT CIRCUMFERENCE:

58.20 mm

mat'l. 6063 T6 TO BS EN 755-9

DRAWING No.

SWL7998

DIE No.

SM

TITLE

D11603A

smart
aluminium extrusionsSmart Aluminium Extrusions,
Arnolds Way, Yatton,
North Somerset,
BS49 4QN
Tel: +44 (0)1934 876 100
Fax: +44 (0)1934 835 169
www.smartaluminium.co.uk

DRAWN

DML

DATE

MARCH 2022

SCALE

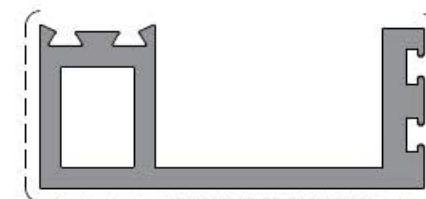
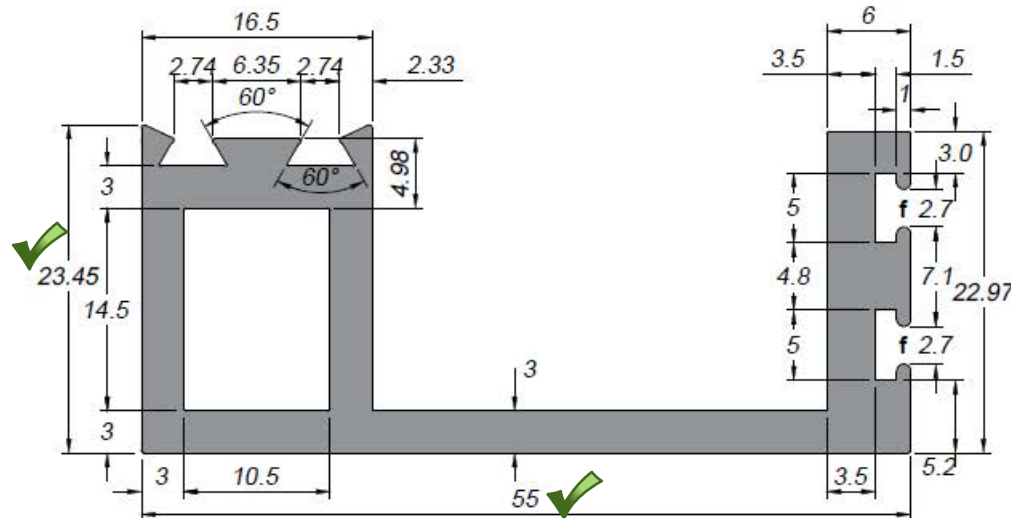
1:1 SCALE @ A4

DO NOT SCALE FROM THIS PAPER DRAWING

No unauthorised use, copy or disclosure of this drawing is to be made. It is to be returned whenever required.		
Rev. No.	Revision	Date
(R1)		

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Scale 1:1



Signed :
.....
Print Name:
.....
Date :
.....

intertek
Total Quality. Assured.

Report #: S2754-301-44
Date: 11/20/25
Verified by: *Paul B. Hall*

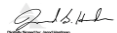
Painted Aluminum

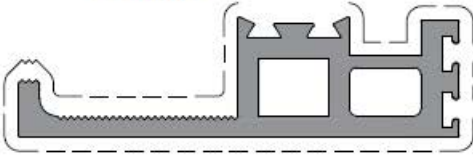
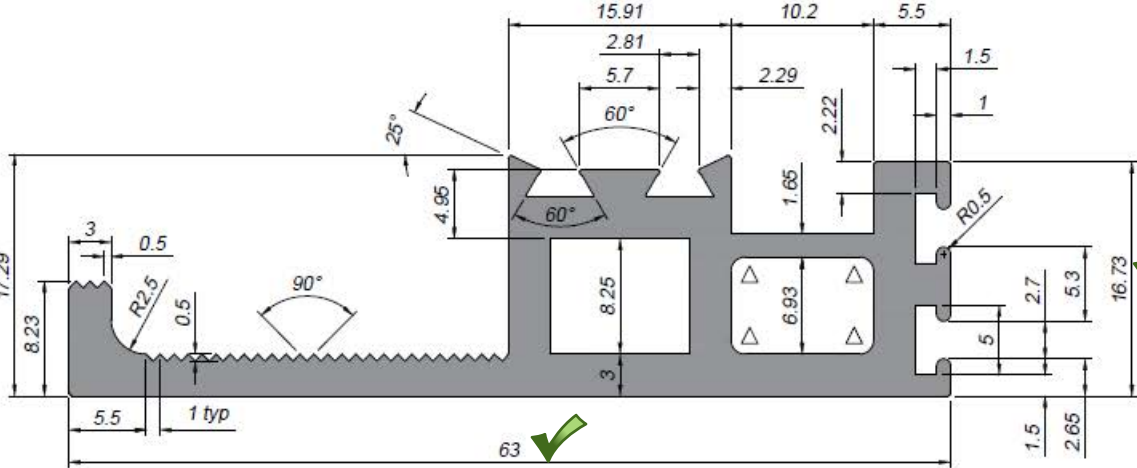
PLEASE NOTE THAT IF THIS PROFILE IS REQUIRED IN ANODIZED QUALITY FOR A DECORATIVE FINISH AT A LATER DATE THAT BEFORE MANUFACTURE OUR QUALITY CONTROL AND PRODUCTION DEPARTMENTS WILL HAVE TO BE MADE AWARE AND TO AGREE TO PRODUCE ANY ORDERS

Finish: Painted				SECTION AREA:		420.50	mm ²
CLIENT Sherwood Stainless & Aluminium Ltd		Customer Approved Signed : Print Name: Date :		V = 0.00mm x 90° Vee Groove Unspec. Radii to R0.25mm Unspec. Thickness: 3.00mm		RADII ● = 0.20 ∅ = 0.25 ○ = 0.30 x = 0.40 □ = 0.50 * = 0.75 △ = 1.00 @ = 1.20 # = 1.50 ■ = 1.70 ▲ = 2.00 s = sharp f = full	
TITLE Top Track Extrusion		Smart Aluminium Extrusions, Arncliffe Way, Yatton, North Somerset, BS40 4DN Tel: +44 (0)1934 876 100 Fax: +44 (0)1934 835 169 www.smartalloysystems.co.uk		Visible Surface - VS — — — —		mat'l. 6063 T6 TO BS EN 755-9	
				DRAWN MCA DATE SEP 2024 SCALE VARIOUS SCALES @ A4		DRAWING No. SWL9285 DIE No. SM****	

Quote Ref: Q16195BMOD/2024		Location Checked	Date	Signature
CRITICAL DIMENSIONS MUST BE CHECKED				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
Customer BS EN 755 - 9 Tolerance Acceptance. All Extrusion tolerances will be to this standard unless agreed otherwise with our production department before running any bulk material. Critical dimensions should be advised and listed above.				
Signed :				
Print Name:				
Date :				



Report #: S2754-301-44
Date: 11/20/25
Verified by: 



PLEASE NOTE THAT IF THIS PROFILE IS REQUIRED IN ANODIZED QUALITY FOR A DECORATIVE FINISH AT A LATER DATE THAT BEFORE MANUFACTURE OUR QUALITY CONTROL AND PRODUCTION DEPARTMENTS WILL HAVE TO BE MADE AWARE AND TO AGREE TO PRODUCE ANY ORDERS.

Finish: Painted		SECTION AREA:		386.00	mm²		
CLIENT	Customer Approved	Signed :	Print Name:	Date :	EST.WEIGHT PER MTR:	1.046	kg
					EXTERNAL PERIMETER:	221.61	mm
					INTERNAL PERIMETER:	69.03	mm
TITLE					mat'l. 6063 T6 TO BS EN 755-9		
Profile Track Extrusion					DRAWING No. SWL9286		
Smart Aluminium Extrusions, Arncliffe Way, Yatton, North Somerset, BS40 4DN Tel: +44 (0)1934 876 100 Fax: +44 (0)1934 835 160 www.smartalloysystems.co.uk					DIE No. SM****		
V = 0.00mm x 90° Vee Groove Unspec. Radii to R0.25mm Unspec. Thickness: 3.00mm					RADII ● = 0.20 ○ = 0.25 ○ = 0.30 x = 0.40 □ = 0.50 * = 0.75 △ = 1.00 @ = 1.20 # = 1.50 ■ = 1.70 ▲ = 2.00 s = sharp f = full		
Visible Surface - VS					DRAWN MCA DATE SEP 2024 SCALE VARIOUS SCALES @ A4		

Painted Aluminum

DO NOT SCALE FROM THIS PAPER DRAWING

No unauthorised use, copy or disclosure of this drawing is to be made. It is to be returned whenever required.		
Rev. No.	Revision	Date
(RT)		

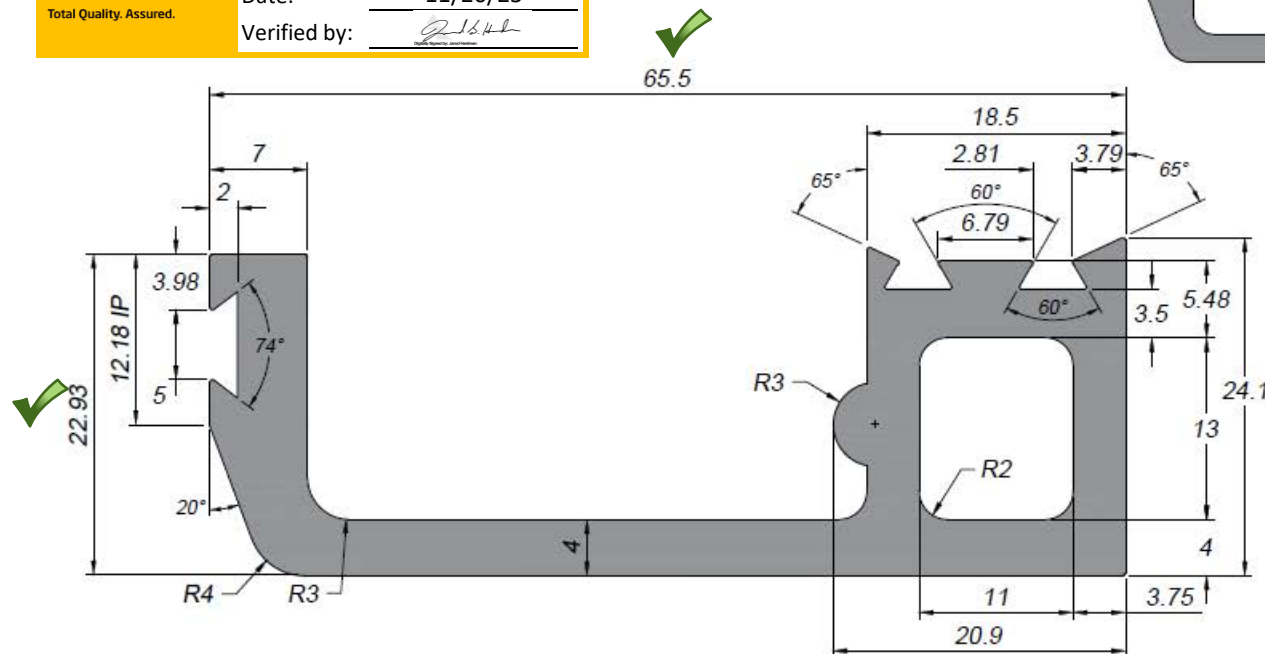
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

 Intertek Total Quality. Assured.	Report #:	S2754-301-44
	Date:	11/20/25
	Verified by:	

Signed :
.....

Print Name:
.....

Date :
.....



Painted Aluminum

Finish: Painted

CLIENT

Sherwood Stainless & Aluminium Ltd

TITLE

Bottom Track Extrusion

Customer Approved

Signed :
Print Name:
Date :

Smart Aluminium Extrusions,
Arnolds Way, Yaffton,
North Somerset,
BS49 4QN
Tel: +44 (0)1934 876 100
Fax: +44 (0)1934 835 100
www.smartaluminium.co.uk

V = 0.00mm x 90° Vee Groove
Unspec. Radii to R0.25mm
Unspec. Thickness: 0mm

Visible Surface - VS — — — —

DRAWN	MCA
DATE	SEP_2024
SCALE	VARIABLE SCALE FOR 00.00

RADII
 ● = 0.20
 ◊ = 0.25
 ○ = 0.30
 x = 0.40
 □ = 0.50
 * = 0.75
 △ = 1.00
 @ = 1.20
 # = 1.50
 ■ = 1.70
 ▲ = 2.00
 s = sharp
 f = full

SECTION AREA:

564.73 mm²

EST.WEIGHT PER MTR:	1.530	kg
---------------------	-------	----

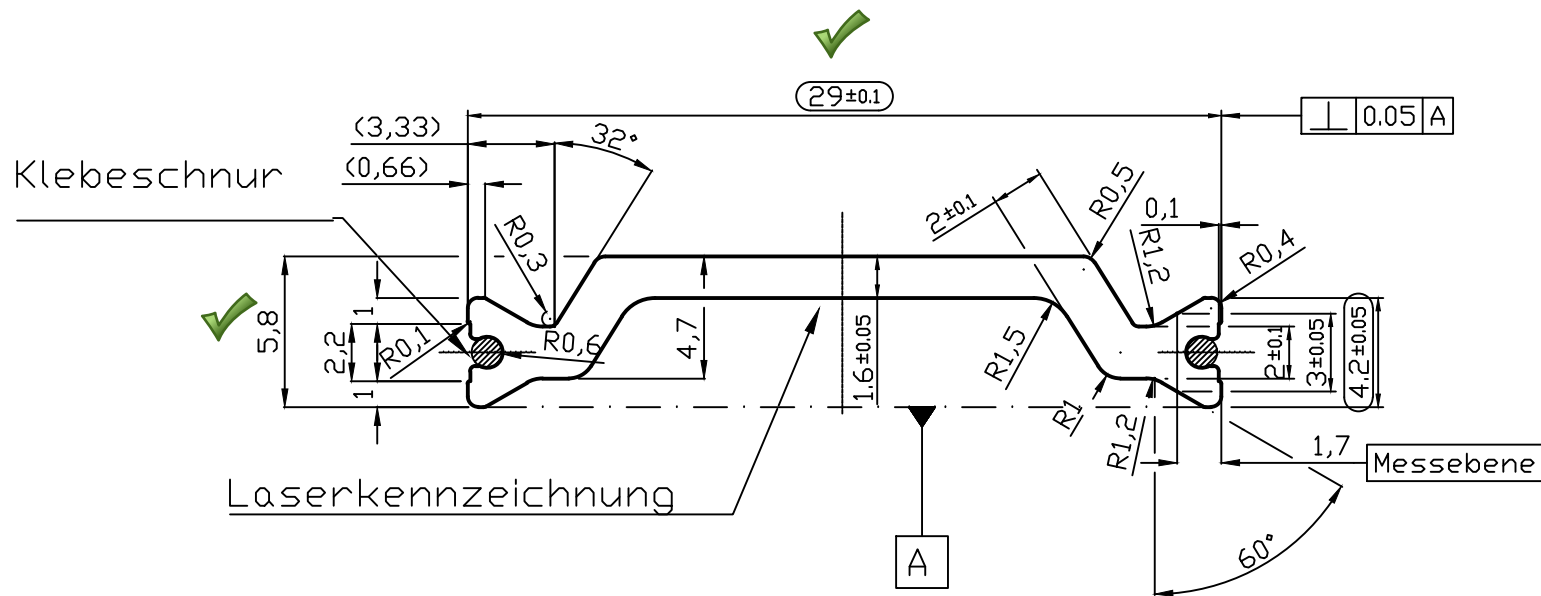
EXTERNAL PERIMETER:	233.02	mm
----------------------------	--------	----

INTERNAL PERIMETER:	44.57	mm
----------------------------	-------	----

mat'l. 6063 T6 TO BS EN 755-9

DRAWING No. **SWL9287**

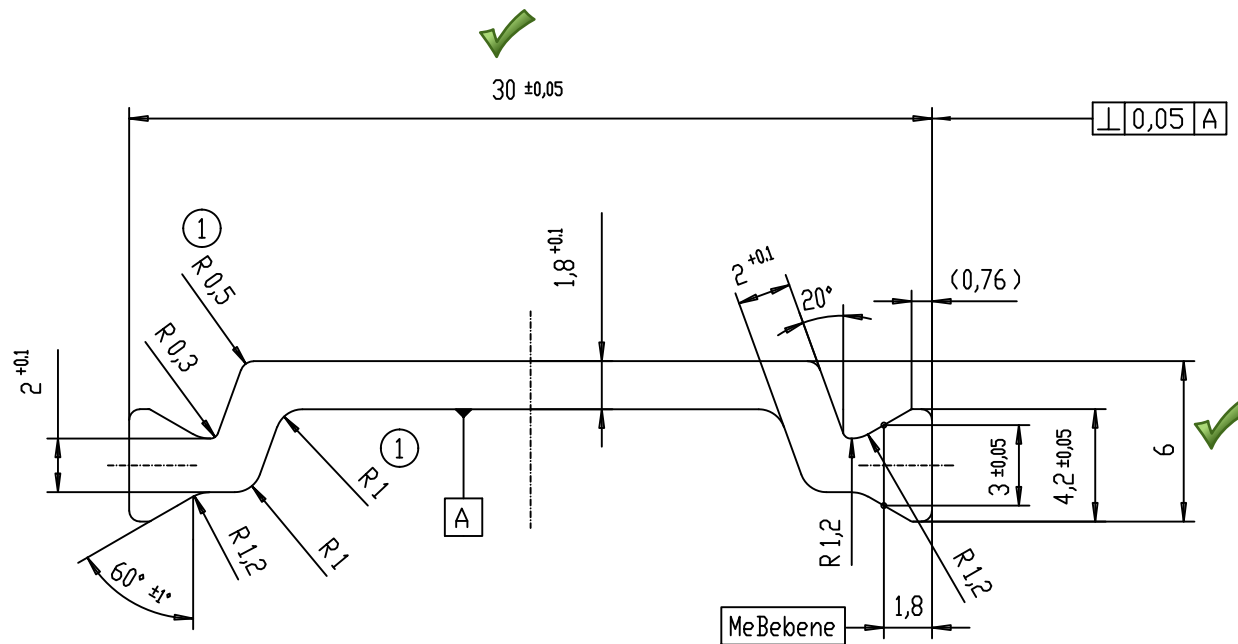
DIE No. **SM** ☆☆☆☆



Report #: S2754-301-44
Date: 11/20/25
Verified by: *[Signature]*

intertek
Total Quality Assured.

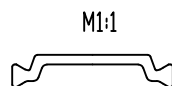
1 Bemerkung				2 Maßstab 1:1			
3 Durchbiegung max. Y ± 50 mm/m max. X ± 15 mm/m Verdrehung max. ± 15°				4		5	
6 Kunde		7 Kundenartikel		7a Kundenzeichnung Datum Status / Version:			
9		10 Status		11 Maßstab M 5:1 (10:1; 1:1)		8 Freimaßtoleranz DIN 16941 Reihe 2	
		ST Datum Name Check		12 Material PA 66 GF25, trockenschlagzäh			
		0 13.12.10 TRo -		13 Beschreibung Insulation Strip			
		1 13.12.10 TRo -					
		2 15.12.10 lWi -					
		3 11.02.11 lWi -					
				14 Artikelnummer 404600			
				Page 1 of 1			
0 -		-		Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhaltes ist nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadensersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster - Eintragung sind vorbehalten.			
Num.	Änderung	Datum	Name				



intertek
Total Quality Assured.

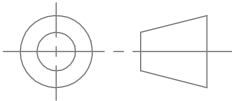
Report #: S2754-301-44
Date: 11/20/25
Verified by: *[Signature]*

unbemaßte Radien = R 0,2

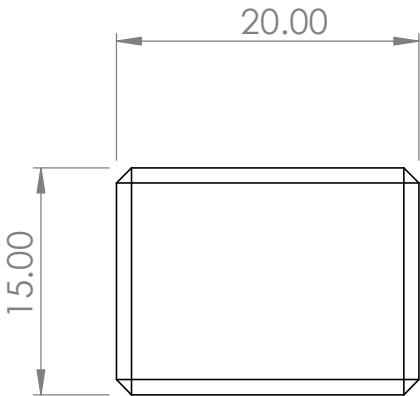


U = 77 mm A = 72 qmm		Auftraggeber		Zeichnungs-Nr. des Auftraggebers	
		Freimaßtoleranz DIN 16941 Reihe 2		Oberflächen DIN ISO 1302	Maßstab M 5:1 (1:1) Werkstoff PA 66 GF25 trockenschlagzäh
		1996	Datum	Name	Benennung Isoliersteg
		Bearb.	10.10.	HSch	
		Gepr.			
		Norm			
		Technoform BAUTEC Kunststoffprodukte GmbH 34277 Fuldaerick/Kassel			947400
1	Radien geändert	23.05.05	HSch		Blatt
Zust.	Änderung	Datum	Name	Urspr.	Ers.f.
					Ers.d.

RESEARCH & DEVELOPMENT : P5 PROJECT



LENGTH OF SPACER IS DETERMINED
BY STRUCTURAL OPENING SIZE





Report #: S2754-301-44
Date: 11/20/25
Verified by: 

 FRAMELESS GLASS CURTAINS FRAMELESS GLASS CURTAINS (FGC) OWN THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE ON THE EXPRESS CONDITION THAT IT IS NOT USED, REPRODUCED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE PERMISSION IN WRITING FROM THE OWNER						CLIENT: Frameless Glass Curtains					TITLE: INSTRUMENT GLASSES - GLASS SPACER BAR		
						DRAWN BY: J.Cuffe		APPROVED BY: P.Beresford		DATE: 16/08/2023			
						UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ±0.15 ANGLE: ±0.5 ° SURFACE FINISH: NO WORSE THAN 0.8 µm		DEBURR AND BREAK SHARP EDGES	FINISH: TOUGHENED		DWG NO: IG-GSB-01		A3
									DO NOT SCALE DRAWING	MATERIAL: PLANIBEL (FLOAT GLASS)		SCALE:1:5	
1	16/08/2023	JC	PB										
ISS	DATE	DRN	APP	CRN									



FGC P5+ COMPONENT LIST - USA

2-Feb-26

Description	Manufacturer	Tel Number
Side Column 6063T6 Thermal Break Mill Finish 5m Lengths	Service Metals	01376 322 795
P5 Top Track Extrusion 6400mm	Sherwood Stainless	01376 322 795
P5 Bottom Track Extrusion 6400mm	Sherwood Stainless	01376 322 795
.FGCInner-Pillar 5000mm	Service Metals	01376 322 795
FGC-P5-59 CRICKET BAT AXLE ISS1	Turncircuit	01732 763140
2017-F007 700mm LONG PUSH ROD	Turncircuit	01732 763140
FGC-P5-A-07 side column ass	Simmonds Engineering	01732 763140
FGC-P5-37 P5 Double Glaze Cricket Bat Guide	Ross Architectural	
FGC-P5-46 P5 TOP GUIDE BLOCK (WHITE)	Turncircuit	
FGC-P5-04 BOTTOM SCALLOP V2 REV2	Turncircuit	
FGC-P5-06 DOOR STOP BLOCK	3D Printed in-house	
FGC-P5-38 P5 BOTTOM GUIDE BLOCK (black)	Turncircuit	
FGC-P5-07 TOP TRACK SCOLLOP	Turncircuit	
FGC-P5-A-06 Short Flag Block Assembly	Turncircuit	
FGC-P5-A-05 Flag Block Assembly	Turncircuit	
FGC-P5-A-01 Chimney Bogie Wheel Assembly	Turncircuit	
FGC-P5-A-03 Dual Bogie Wheel Assembly	Turncircuit	
2018-FGC1011 DUMMY MAGNET (NEW)	Turncircuit	

FGC-P5-39 P5 FLAG STOP BLOCK	Ross Architectural	
FGC-P5-40 P5 MAIN DOOR WASHER	Turncircuit	
KORA HANDLE	ERA	
Semi-Rigid Bubble Gasket - 3000 metres MOQ @£1.20 per metre	Extrudaseal (Coba Plastics)	
4mm Float Glass - 1000mm x 18mm x 4mm	Iglass	
5mm shims	3D Printed in-house	
Ali Flat Bar 1 1/4" x 1/8"	Aalco	
ali Flat Bar 2.5" x 1/8"	Aalco	
B226..BLACK GAS KEY PLUG 03 10225 5 X35MM(8>24MM) X 1500	Thermoseal	
clear fix	techsil	01795 427888
MS 75 POLYMER	EUROBOND	
FGC-P5-A-09 P5 SLM ASSEMBLY	Simmonds Engineering	01732 763140
EB115AL 22m x 45m 30 micron (MOQ 52)	Eurobond	
EB115AL 44mm x 45m 30 micron (MOQ 24)	Eurobond	
EB4100C 4mmx 33m	Eurobond	01795 427888
GLASMOL Desiccant 25KG	DGS	01277 218072
LC 080G 09S - Compression spring	Lee Springs	0118 978 1800
M5 – 50mm socket cap head ss	ACCU	01732 885675
Nylon Bottom Profile Back Plate End Cap in grey - NEW 2018 DESIGN	3D Printed in-house	
Nylon Top Profile Back Plate End Cap in grey - NEW 2018 DESIGN	3D Printed in-house	
P5 Profile Track Extrusion 6400mm	Sherwood Stainless	
Push Rod Guides	Ross Architectural	Adam - £17.50
Quickfix (min order qty 12)	Eurobond	01795 427888
SP30218NS - 32 x 21 x 8mm thick N42 Neodymium Magnet - two countersunk holes both sides	E Might	0845 519 4701
Spacers 15mm (each)	Iglass	020 8804 5824
Profile Bar Insert	Aalco	01732 763140
Vitralit VBB1 Bevel bonder 1 Kilo bottle EB UV	Eurobond	01795 427888

Warm Edge Corner Key BLACK 13.5mm (2000)	Thermoseal	
Schlegal 500mtrs	Schlegal	
THE HAIRY WORM WOVEN BRUSH PILE FINNED BRUSH PILE 4.80 MM WIDE ON BASE 7.50 MM OVERALL PILE HEIGHT INC BASE GREY	George Culley	0161 622 0020
2MM TOP RUBBER END CAP P5	RE Knight	
2MM BOTTOM END CAP P5 LEFT/RIGHT	RE Knight	
4MM TOP AND BOTTOM END CAP P5	RE Knight	
P5 TOP HAT END CAP	R E Knight	
FGC-P5-A-11 P5 QUADRUPLE SPRING BLOCK	Ross Architectural	
6mm Planitherm One	EE	
SKN 176	EE	
HB FULLER 5160c (Grey) Antwort: 215kg	Kommerling	
KRYPTON gas filling 200 doors		
square large glass handle (New Handle 2025/26)	iglass	
Orange wheels		
single glaze wheels		
bottom track plastic - pvc strip.	D W Plastics	
THE HAIRY WORM WOVEN BRUSH PILE FINNED BRUSH PILE 4.80 MM WIDE ON BASE 10.0 MM OVERALL PILE HEIGHT INC BASE GREY	George Culley	
EB 4525 C 10mm x 33m	Techsil	
Thermobar 13.5mm	Thermoseal	
Penloc RVT	Techsil	
Pyrosil	Techsil	
Pinion Shaft	Turncircuit	
C - shaped white rubber	D W Plastics	
Wurth Bond and seal power	Wurth	
Quick fix	Techsil	
Rubber gasket- bottom of door	Extrudaseal (Coba Plastics)	



Total Quality. Assured.

2524 E. Jensen Ave
Fresno, California 93706

Telephone: 559-233-8705
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR FRAMELESS GLASS CURTAINS LIMITED

Report No.: S2754.03-301-44-R1

Date: 04/13/26

SECTION 14

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	03/04/26	N/A	Original Report Issue
1	04/13/26	Section 13	Update drawings with bill of materials and updated overall assembly drawing