COMMERCIAL FRAMING

ELEVATE
ALUMINIUM SYSTEMS

Series 426

FrontGLAZE™ Framing

Double Glazed 102mm

Charles Sturt University 'Learning Commons Building'. Architect: JWP (Jovaras Westland Partnership).
Windows by DLG Aluminium & Glazing.

AWS
ARCHITECTURAL WINDOW SYSTEMS PTY LTD

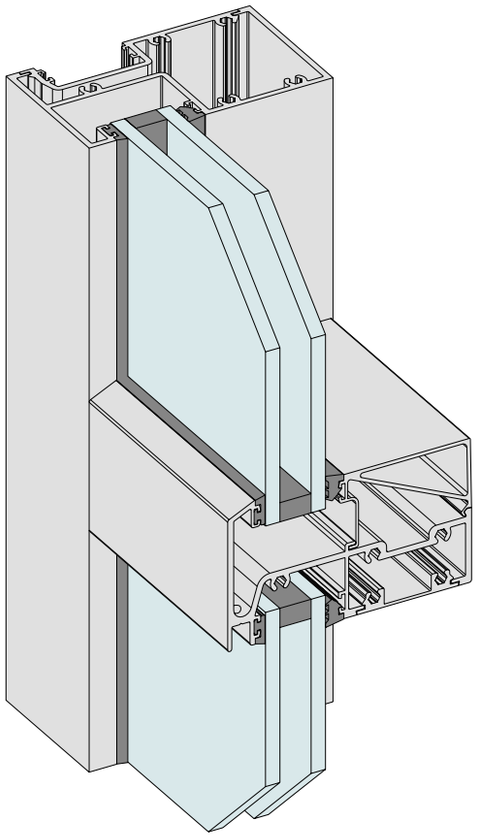
DATE: MAY 2013 | REPLACES: MARCH 2008

ELEVATE
ALUMINIUM SYSTEMS

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: NOT TO SCALE

KEY FEATURES/PERFORMANCE CHARACTERISTICS



Series 426 FrontGLAZE™ Framing
Double Glaze 102mm. External view.

- Double glazed FrontGLAZE™ framing system designed specifically to accept 24mm Insulating Glass Units (IGUs) with the required 12mm glass bite.
- High water resistance can be achieved using the appropriate mullion and transom combinations. Has been successfully tested at 600Pa water resistance.
- The 102 x 60mm framing system has a variety of transom and mullion alternatives. This system will also accept many of the Series 400 CentreGLAZE™ frame accessories including doors, sub-frames and thresholds.
- Glazing pocket will accept co-extruded captive glazing wedges.
- Two mullion designs allow frames to be constructed with snap together mullion and expansion mullion with central weather leg for improved waterproofing.
- Alternative structurally glazed mullion.
- Optional midrail will also accept 24mm IGUs.
- Transoms have built-in drip groove to encourage water to leave the face of the framing.
- Sills and transoms are splayed at 25° to reduce the chance of dust and pollution build-up.

Maximum Glass Thickness	≤28mm

2D & 3D CAD FILES AVAILABLE

To access 2D &3D CAD models visit our online specifier resource centre
www.specifyaws.com.au/CAD

MORE INFORMATION

For the latest updates regarding this product visit our website
www.elevatealuminium.com.au/426

Series 426

FrontGLAZE™ Framing

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SOUND REDUCTION

A number of glass combinations have been tested with this system to acheive sound reduction numbers listed below.

Glass Description	Rating
6mm Tgh glass /12mm air / 6.50mm VLam Hush	Rw36
8.5mm VLam Hush /10mm air / 6.50mm VLam Hush	Rw39

Note: The actual tests were carried out on product very similar to this frame (Series 426) that gave these results.

WERS RATINGS

Double Glazed

Window ID	Glass Type	Uw	SHGCw	Tvw	Inf
AWS-043-01	3/12Ar/3ET	2.76	0.63	0.64	0.01
AWS-043-02	3SG/12/3	3.61	0.46	0.59	0.01
AWS-043-03	4Az/10/4ET	3.04	0.36	0.53	0.01
AWS-043-04	4/10/4	3.66	0.65	0.68	0.01
AWS-043-05	4/10/4ET	3.04	0.61	0.63	0.01
AWS-043-06	4/10Ar/4ET	2.80	0.62	0.63	0.01
AWS-043-07	4SnClr/10/4	3.22	0.47	0.53	0.01
AWS-043-08	4SnClr/10Ar/4	3.00	0.47	0.53	0.01
AWS-043-09	5/8/5	3.76	0.64	0.68	0.01
AWS-043-10	5SG/8Ar/5ET	2.93	0.37	0.52	0.01
AWS-043-11	6.38LamClr/12/6	3.54	0.61	0.67	0.01
AWS-043-12	6.38LamClr/12Ar/6	3.42	0.61	0.67	0.01
AWS-043-13	6.38SnClr/12/6	3.11	0.46	0.51	0.01
AWS-043-14	6.38SnClr/12Ar/6	2.93	0.45	0.51	0.01
AWS-043-15	6.38CPClr/8/4	3.19	0.54	0.63	0.01
AWS-043-16	6.38CPClr/8Ar/4	2.91	0.54	0.63	0.01
AWS-043-17	6.38CPClr/12/6	2.92	0.53	0.62	0.01
AWS-043-18	6.38CPClr/12Ar/6	2.72	0.53	0.62	0.01
AWS-043-19	6.38CPGy/8/4	3.19	0.39	0.30	0.01
AWS-043-20	6.38CPGy/8Ar/4	2.92	0.38	0.30	0.01
AWS-043-21	6.38CPGy/12/6	2.92	0.38	0.30	0.01
AWS-043-22	6.38CPGy/12Ar/6	2.72	0.37	0.30	0.01
AWS-043-23	6.38LamSpGy/12/6	3.55	0.22	0.10	0.01
AWS-043-24	6.38LamSpGy/12Ar/6	3.43	0.22	0.10	0.01
AWS-043-25	6.38SnGy/12/6	3.07	0.44	0.51	0.01
AWS-043-26	6.38SnGy/12Ar/6	2.89	0.44	0.51	0.01
AWS-043-27	6.38TLam/12/6	3.54	0.28	0.25	0.01
AWS-043-28	6.38TLam/12Ar/6	3.42	0.27	0.25	0.01
AWS-043-29	6.38SnClr/12/6	3.11	0.46	0.51	0.01
AWS-043-30	6.38SnClr/12Ar/6	2.93	0.45	0.51	0.01
AWS-043-31	6EVanClr/12/6	3.54	0.50	0.51	0.01
AWS-043-32	6EVanClr/12Ar/6	3.42	0.50	0.51	0.01
AWS-043-33	6EVanGy/12/6	2.92	0.30	0.25	0.01
AWS-043-34	6EVanGy/12Ar/6	2.86	0.38	0.38	0.01
AWS-043-35	10.50LamClr/8/6	3.67	0.46	0.51	0.01
AWS-043-36	10.50LamClr/8Ar/6	3.51	0.46	0.51	0.01
AWS-043-37	10.50SnClr/8/6	3.29	0.43	0.50	0.01
AWS-043-38	10.50SnClr/8Ar/6	3.05	0.42	0.50	0.01
AWS-043-39	10.50LamGy/8/6	3.67	0.17	0.09	0.01
AWS-043-40	10.50LamGy/8Ar/6	3.51	0.17	0.09	0.01
AWS-043-41	10.50TLamGy/8/6	3.15	0.40	0.46	0.01

HOW TO SPECIFY

SYSTEM NAME

Elevate™ Aluminium Systems Series 426 Double Glazed FrontGLAZE™ Framing

FINISH

Powder Coat

Anodised

COLOUR

Select from the AWS range of approved powder coat or anodising colours

GLASS

Specify thickness ≤ 24mm

Specify thermal performance where applicable (Uv & SHGC)

Specify acoustic performance where applicable (RW)

Specification Assistance

Need help specifying this product? Email **techsupport@awsaustralia.com.au** and our qualified technical advisors will assist you with product selection and specification for your project.

NOTES

1. Uw is the whole window U-value
2. SHGCw is the whole window solar heat gain coefficient
3. Tvw is the whole window visible (light) transmittance
4. Maximum air infiltration is 5.0L/s.m2 at a positive pressure difference of 75 Pa as measured according to AS 2047
5. Static performance (Uw SHGCw Tvw Tdw) calculated using Window 6.3 and Therm 6.3 software (LBNL), 1999-2010
6. Results disclosed at Australian Fenestration Rating Council (AFRC) regulations.
7. Ratings for use with Section J of the Building Code of Australia - Class 2-9

For the latest WERS data for this system visit www.wers.net

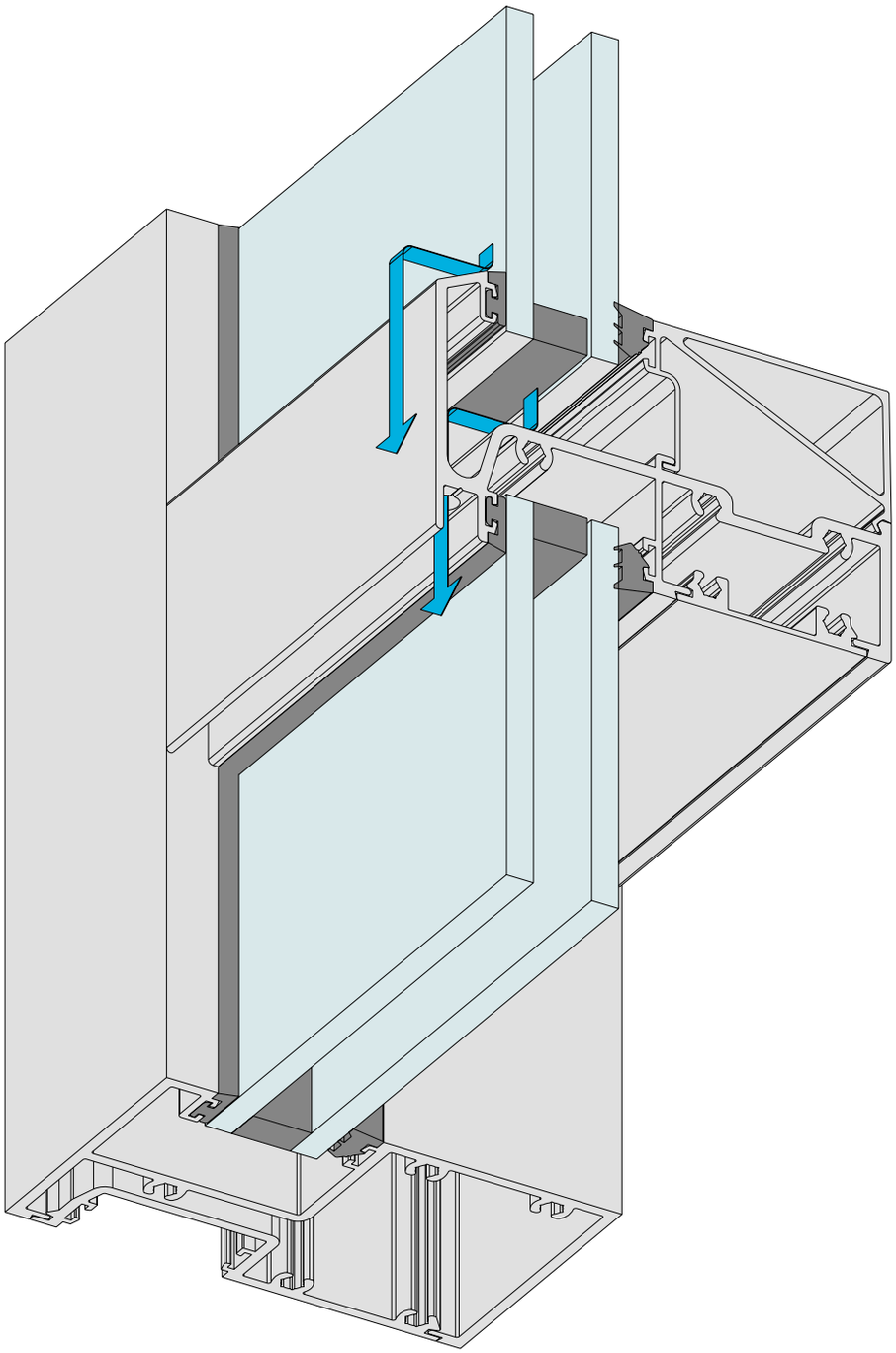
Series 426

FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: NOT TO SCALE

DESIGN FEATURES

On Series 426 the Insulating Glass Unit (IGU) is located close to the front face with concealed drain holes across the transoms. The sills and transoms can be glazed internally (internal beads) as shown on this page or externally glazed as shown on later page.

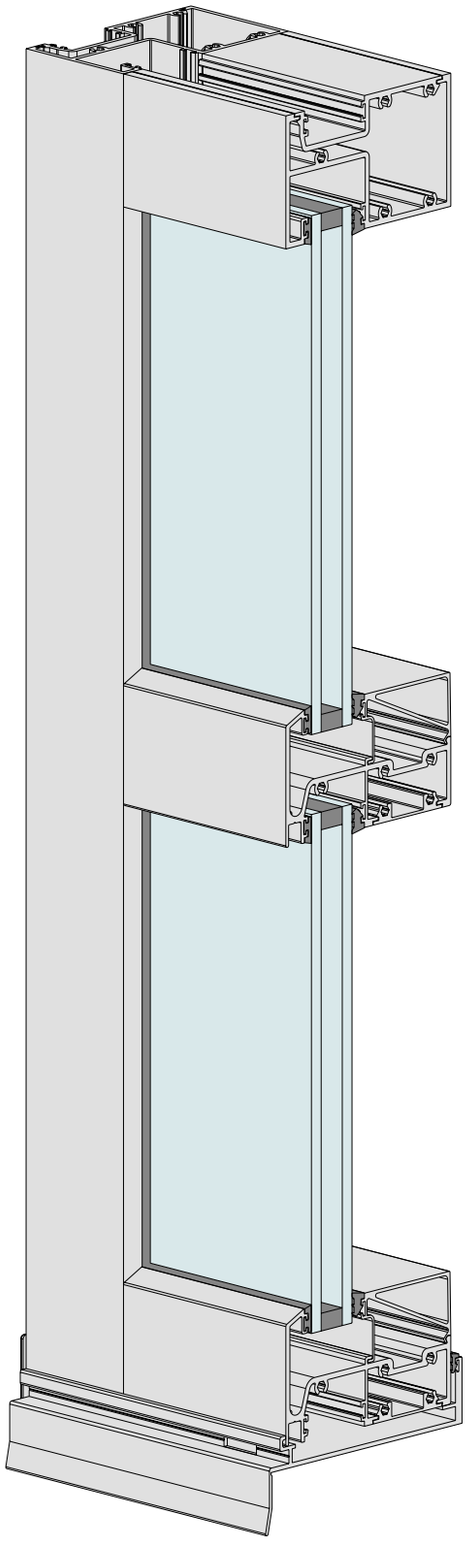


Series 426

FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: NOT TO SCALE

DESIGN FEATURES



- Double glazed FrontGLAZE™ shopfront framing system designed specifically to accept 24mm Insulating Glass Units (IGUs) with the required 12mm glass bite.
- High water resistance can be achieved using the appropriate mullion and transom combinations. Has been successfully tested at 600Pa water resistance.
- The 102 x 60mm framing system has a variety of transom and mullion alternatives. This system will also accept many of the Series 400 CentreGLAZE™ frame accessories including doors, sub-frames and thresholds.
- Glazing pocket will accept co-extruded captive glazing wedges.
- Two wraparound mullion designs allow frames to be constructed with snap together mullion similar to conventional Series 400 CentreGLAZE™ shopfront framing and expansion mullion with central weather leg for more waterproof installation requirements.
- Alternative structurally glazed mullion.
- Optional midrail will also accept 24mm IGUs.
- The two transom designs cover both glazing bead options (internal and external). Both transoms have built-in drip groove to encourage water to leave the face of the framing as soon as possible. Concealed drainage holes in drip groove.
- The sills and transoms are splayed at 25° to reduce the chance of dust and pollution build-up. These build-ups can damage the metal finishes.

Compatibility:

We have designed a number of compatible framing suites that can be coupled or used together:

- Series 400 CentreGLAZE™ framing.
- Series 406 FrontGLAZE™ framing (102mm).
- Series 407 FaceLINE™ framing (102mm).
- Series 410 FoldMASTER™ Bi-fold doors.
- Series 410 FoldMASTER™ Bi-fold windows.
- Series 411 ViewMASTER™ Bi-fold doors.
- Series 412 ViewMASTER™ Bi-fold doors.
- Series 701 High Performance SlideMASTER™ sliding windows.
- Series 702 High Performance SlideMASTER™ sliding door (102mm).
- Series 704 Architectural SlideMASTER™ sliding door (102mm).

Series 426
FrontGLAZE™ Framing

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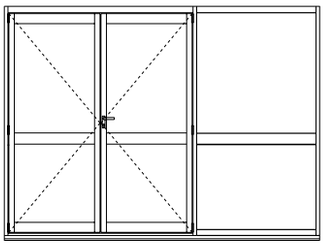
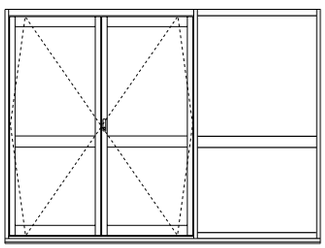
TYPICAL CONFIGURATIONS



FrontGLAZE™ hinged doors with fixed sidelight/s, but no highlights.

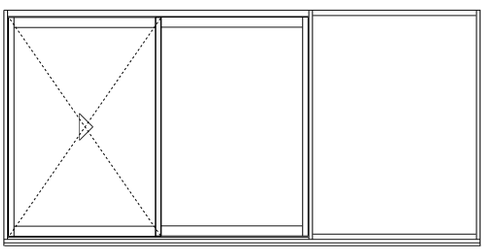
A 60mm wide front pocket, open back frame section can be fitted on all three sides, with applied door stop. Open in or open out doors.

Thresholds for open in or open out doors make it possible to fit these units into sub-sill.

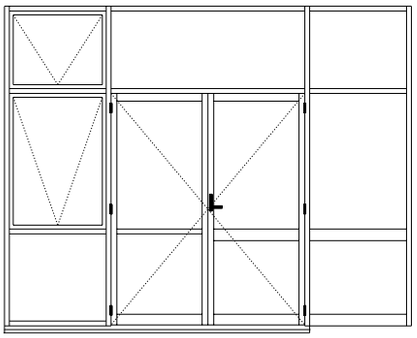


FrontGLAZE™ centre pivot doors with fixed sidelight/s, but no highlights.

A dedicated transom to accept COC closers.



FrontGLAZE™ has been designed to snap to SlideMASTER™ doors.

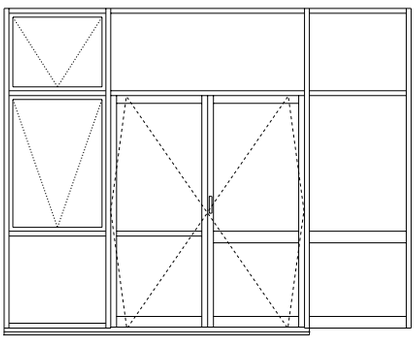


FrontGLAZE™ hinged doors with fixed sidelight/s, and highlights.

The FrontGLAZE™ jamb, and one of the four FrontGLAZE™ transoms make up the fixed highlights.

An applied door stop is screwed to these FrontGLAZE™ frames to allow us to hinge doors. Open in or open out doors.

FrontGLAZE™ will accept double glazed awning/casement sashes with snap-in adaptors and dedicated sashes.



FrontGLAZE™ centre pivot doors with fixed sidelight/s and highlights.

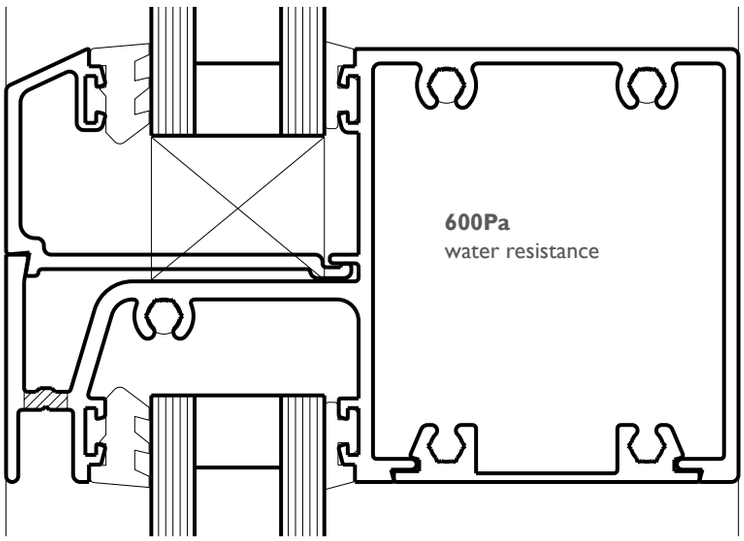
A dedicated transom accepts COC closers and is located directly under 426 transom.

Midrails - we have a 125mm fully beaded transom that can be double glazed.

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE

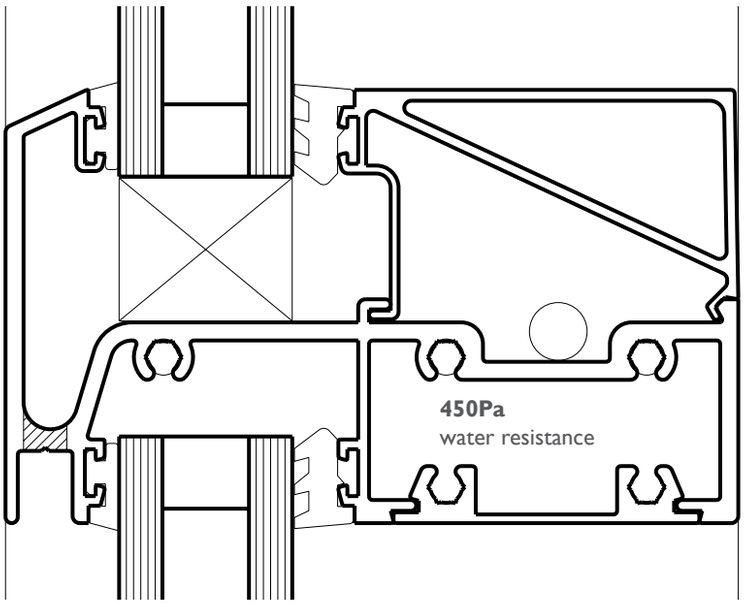
TRANSOM AND SILL OPTIONS



Drainage transom with external pressure glazing bead.

- Moisture drained out of the glazing pocket to the underside of the transom via concealed drainage holes in drip recess.

CAD file: DWG
426.FXD.1



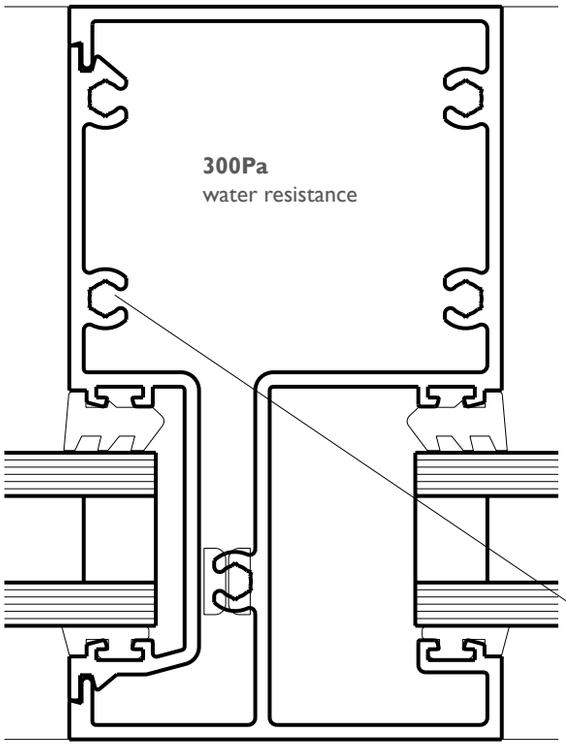
Transom with internal glazing bead.

- Moisture drained out of the transom via concealed drainage holes in drip recess.
- Glazing bead has diagonal stiffening web to ensure that the glazing pocket gap is maintained.
- On this detail the captive glazing wedge has been fitted on the outside to facilitate internal glazing.

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE

MULLION OPTIONS

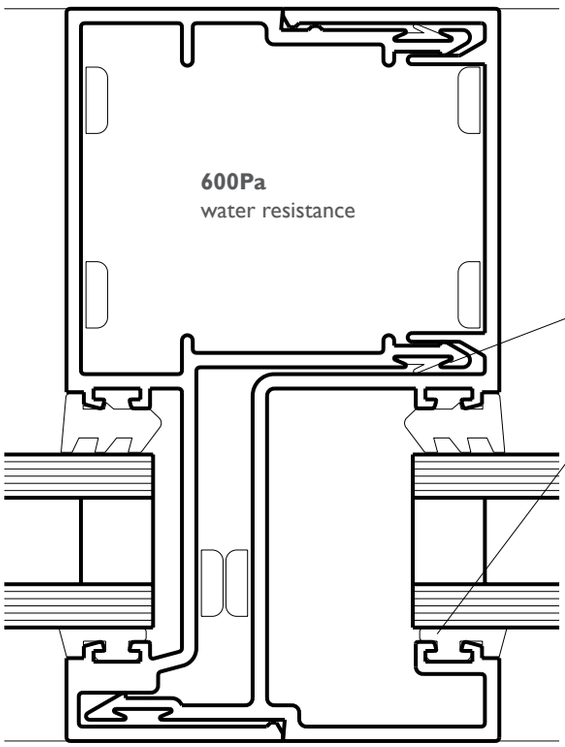


The glazing pocket is designed to accept 24mm thick insulating glass units (IGUs) with a true 12mm bite with enough clearance to allow glass installation.

- Accept true captive wedge glazing to reduce on-site glazing labour. This pocket will also accept roll-in wedges both sides or wet top Silicone on the outside with roll-in wedge on the inside.
- This pocket will accept snap-in flat filler and awning sash adaptors.

Pocketed filler has screw splines to assist fabrication.

CAD file: DWG
426.FXD.2



The heavy interlocking mullion assembly shown left has been designed for projects where expansion is required.

Self-mating mullions have an additional weather leg located directly behind the glazing pocket area.

This detail shows the captive wedge on the outside. But for externally glazed systems or projects that require safety glazing, the captive wedge can be located on the inside.

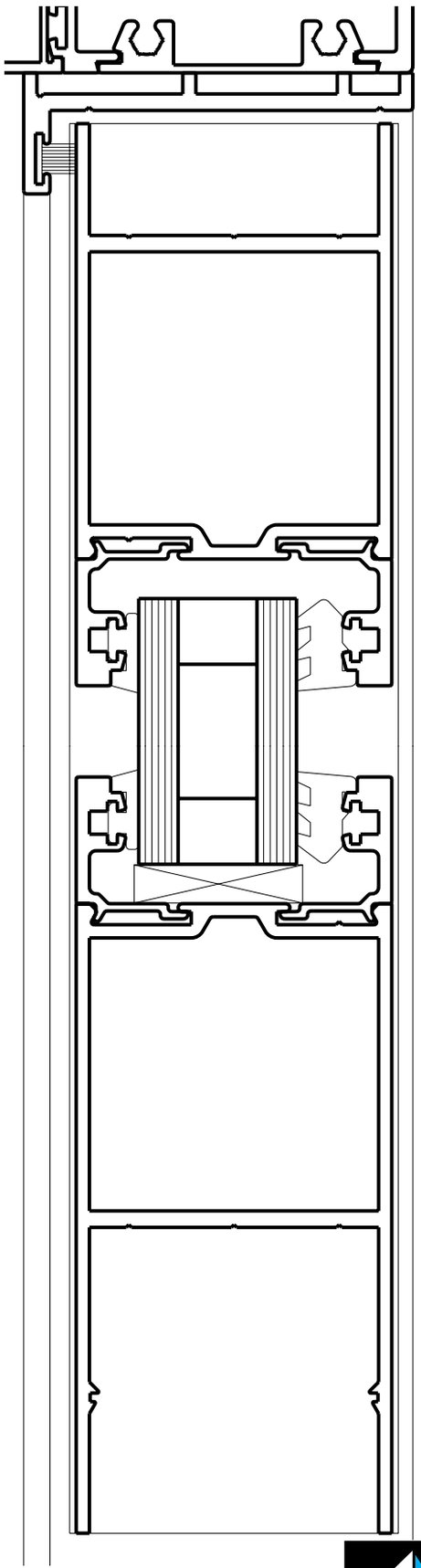
Full interlock on the external face.

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE

DOUBLE GLAZED DOOR

Elevate™ offers a variety of heavy duty hinged doors. One will accept 24mm Insulating Glass Units (Series 52). For more information including assembly details refer Series 400 CentreGLAZE™ framing page 1.66.



Series 52

Stiles and rails are fully beaded and will accept 24mm IGUs as shown right. Elevate™ has a large variety of stiles that will also accept thick glass. These include wide and rebated French stiles.

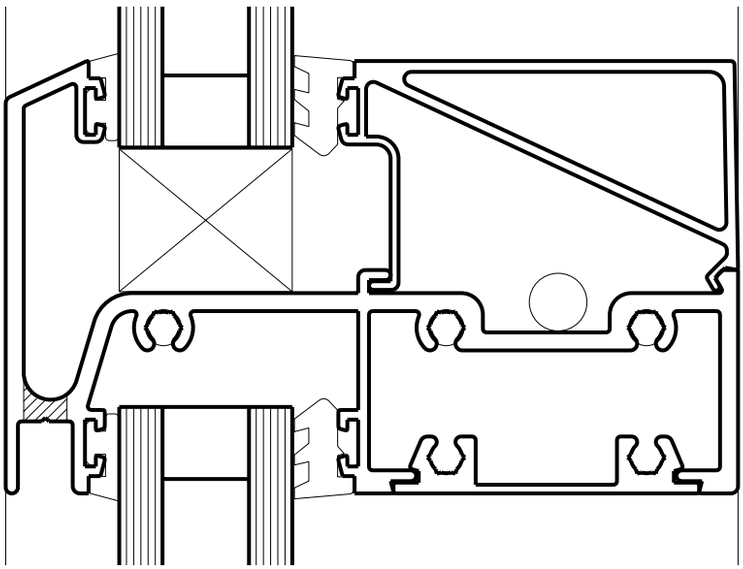
CAD file: DWG
426.HGE.5

Series 426

FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE & NTS

INTERNALLY GLAZED TRANSOM/SILL



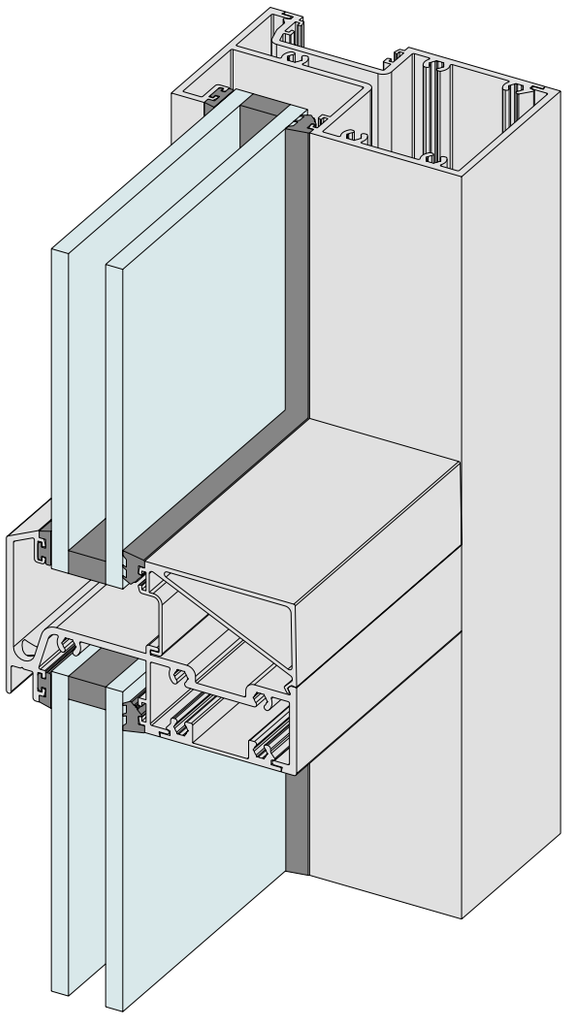
Double glazed FrontGLAZE™ glazing beads are 32mm high, giving the required 12mm of glass bite (overlap) on the glass.

One of the key features with this framing system is that we have not shoehorned the glass in. Besides the 12mm bite we have allowed another 4mm to cover glass manufacturing tolerances and installation clearance.

Successfully tested to resist 450Pa water.

CAD file: DWG
426.FXD.1

Snap together transom can be drained down in front of the glazing pocket area.



Notes:
Leaving salt or other dust on a flat face can create a potential problem with the metal finish if the salt/pollution is not removed.

The 25° splay on the Elevate™ FrontGLAZE™ system guides dust and salt away from the framing.

This detail shows how this system can be security glazed with captive wedge on the outside and roll-in wedge on the inside.

The drip recess on the on the external underside of the transom ensures that water leaves the frame.

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE & NTS

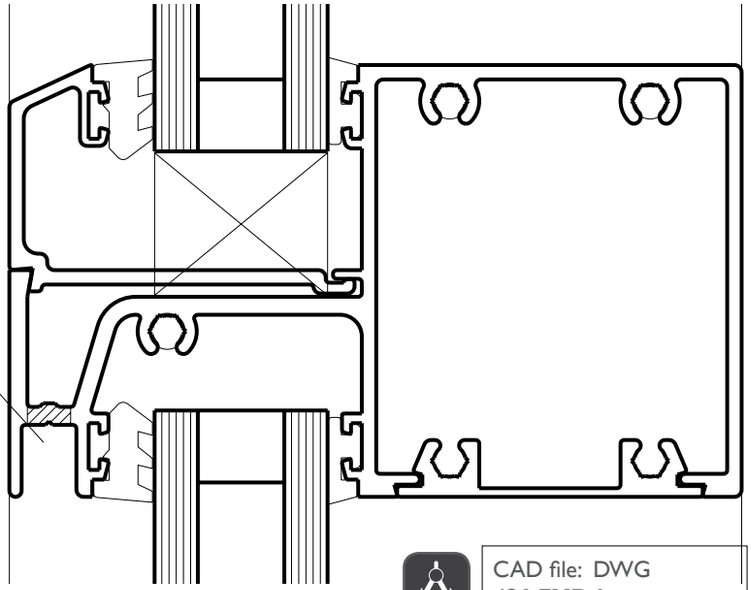
EXTERNALLY GLAZED TRANSOM/SILL

Double glazed FrontGLAZE™ glazing beads are 32mm high, giving the required 12mm of glass bite (overlap) on the glass.

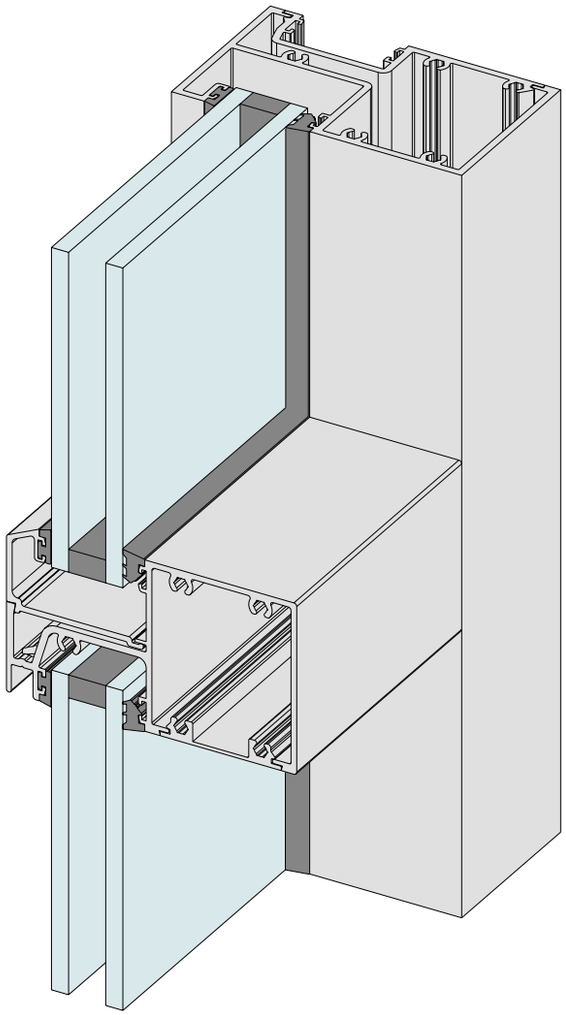
One of the key features with this framing system is that we have not shoehorned the glass in. Besides the 12mm bite we have allowed another 4mm to cover glass manufacturing tolerances and installation clearance.

Transom glazing pocket secretly drained out via the drip mould recess.

Successfully tested to resist 600Pa water.



CAD file: DWG
426.FXD.1



Recessed glazing wedges.

Notes:
Leaving salt or dust on a flat face can create a potential problem with the metal finish if the salt/pollution is not removed.

The 25° splay on the Elevate™ FrontGLAZE™ system guides dust and salt away from the framing.

No visable drain holes on the front face.

This detail shows how this system can be security glazed with captive wedge on the outside and roll-in wedge on the inside.

Double glazed FrontGLAZE™ glazing pocket will accept glass up to 24mm thick.

Series 426

FrontGLAZE™ Framing

DATE: NOV 13
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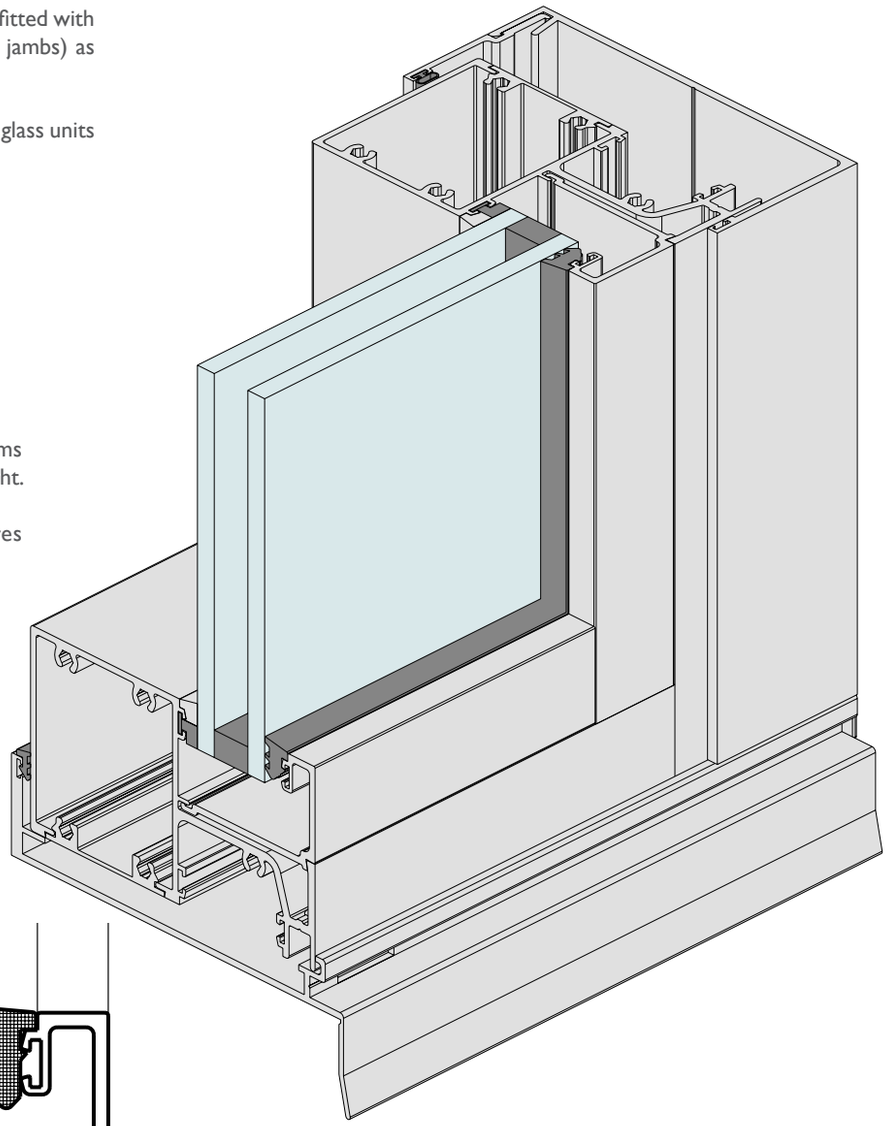
SCALE: FULL SIZE & NTS

PERIMETER FRAME TO SUIT STRUCTURALLY GLAZED MULLIONS

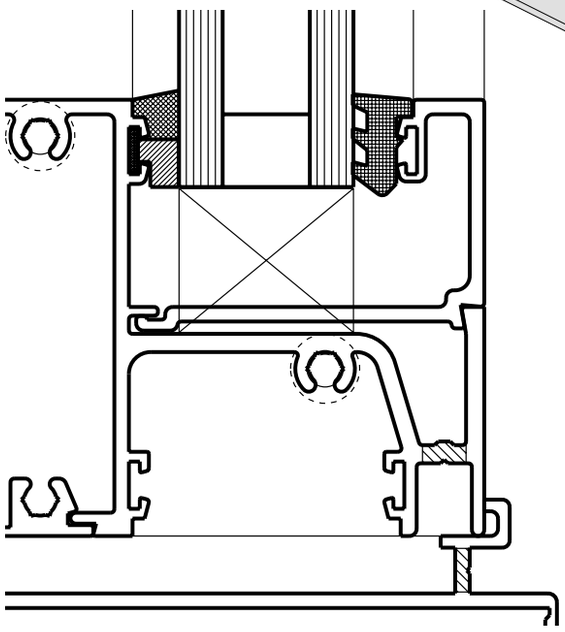
Structurally glazed (mullion) frames are fitted with beaded perimeter frame (head, sill and jambs) as detailed right.

This removes the need to pocket heavy glass units into the frame.



Important note:
There are no structurally glazed transoms for this product. Fixed lights are full height.

We don't recommend mullion centres greater than 1200mm.



We always recommend sub-sills under commercial framing.

The square external structural glazing bead is only suitable for structural glaze framing with externally beaded frame used as head, sill and jambs.

CAD file: DWG
426.FXD.3

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
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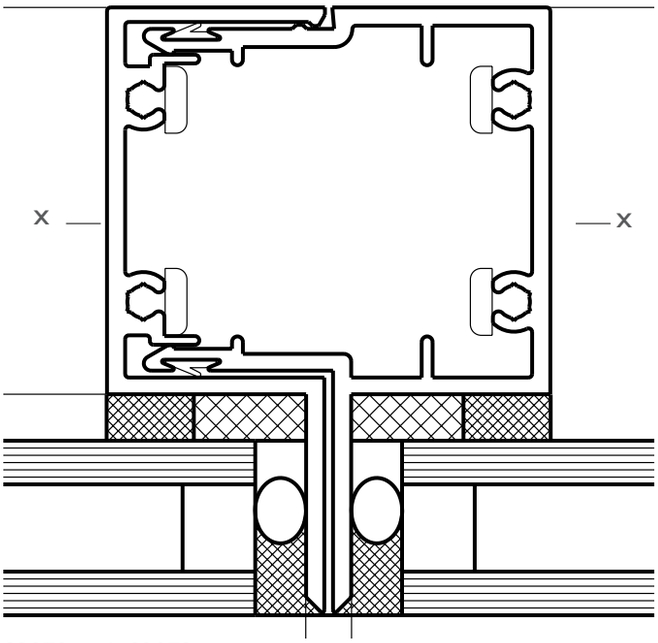
SCALE: FULL SIZE & NTS

STRUCTURALLY GLAZED MULLION



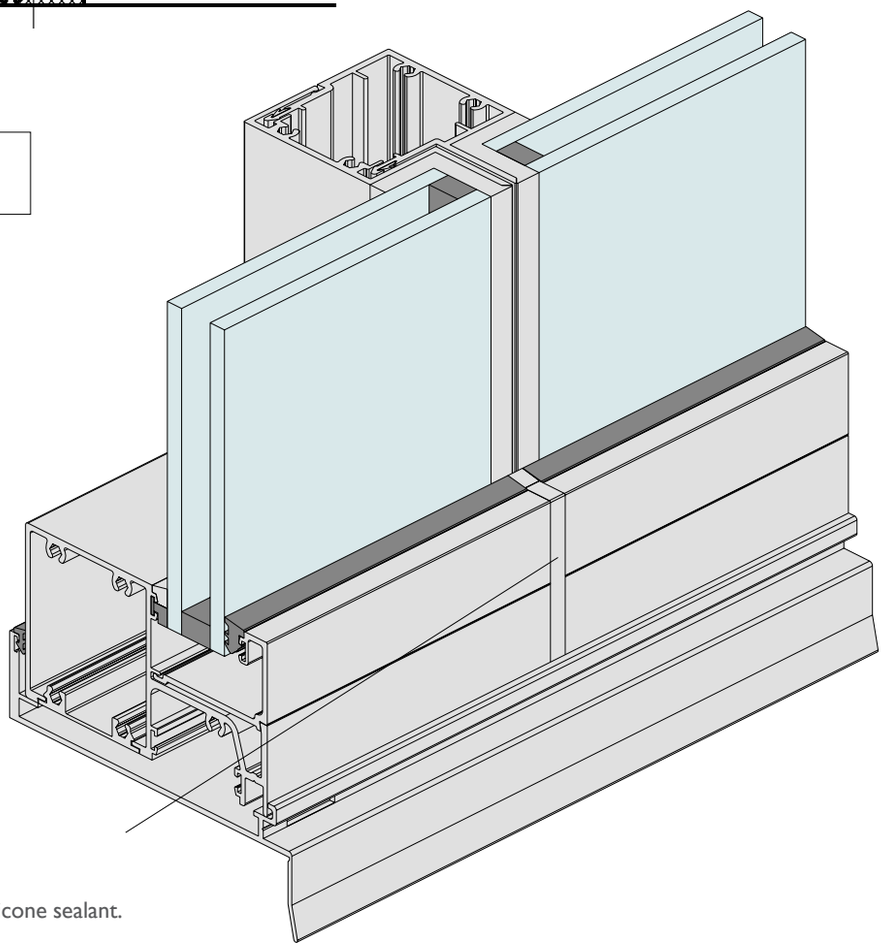
Structurally glazed expansion mullion

Height mm		Mullion 800	1000	1200
1800	S	2426	2021	1774
	U	3639	3032	2661
2000	S	1923	1597	1391
	U	2909	2403	2086
2200	S	1428	1178	1020
	U	2381	1955	1684
2400	S	1091	985	770
	U	1986	1624	1391

Wind Ratings (Pa) mullion 82078 with infill 82079.

82078 with 82079
Ixx = 544 x 10^3 mm^4

CAD file: DWG
426.FXD.3



Elevate™ always recommend that commercial frames are installed into sub-sills.

Seal expansion joint in sill with silicone sealant.

Series 426

FrontGLAZE™ Framing

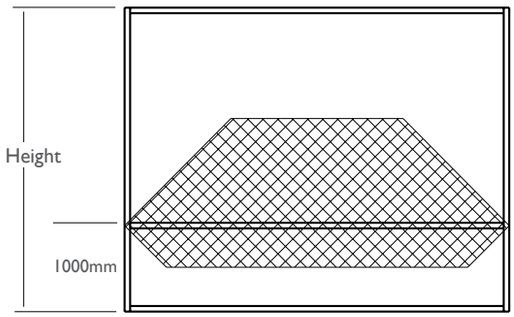
DATE: NOV 13
REPLACES: MARCH 08
SCALE: HALF FULL SIZE

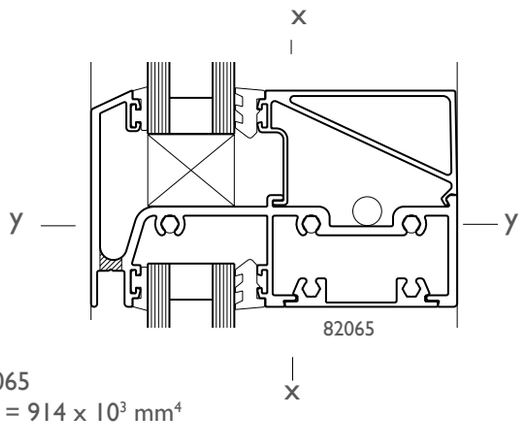
TRANSOM STRENGTH

S = Serviceability limit state (deflection = L/250).
U = Ultimate strength limit state (factored yield strength = 104 MPa).

These tables have been calculated using nominal section properties.
A typical assembly has been tested as per the requirements of AS 2047.

Serviceability rating has been limited to 3333 Pa and
Ultimate strength rating has been limited to 5000 Pa.

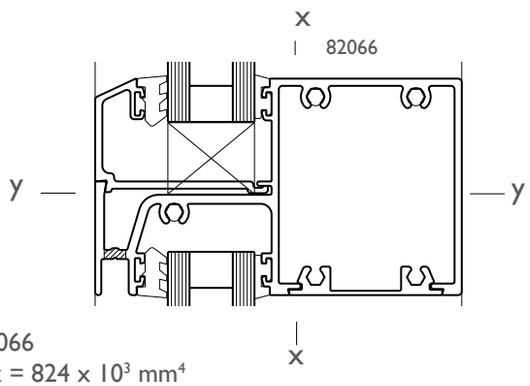




82065
Ixx = 914 x 10^3 mm^4
Iyy = 125 x 10^3 mm^4

Height mm		Mullion centres mm						
		1800	2000	2200	2400	2600	2800	3000
1800	S	3257	2591	2114	1652	1288	1024	828
	U	4885	3887	3171	2639	2231	1913	1658
2000	S	2985	2366	1925	1504	1171	929	751
	U	4477	3549	2888	2398	2025	1734	1502
2200	S	2790	2199	1782	1391	1080	856	690
	U	4185	3298	2673	2213	1864	1593	1378
2400	S	2658	2077	1674	1305	1009	798	642
	U	3987	3116	2510	2070	1738	1481	1279
2600	S	2580	1994	1594	1240	955	752	603
	U	3870	2991	2391	1960	1639	1393	1199
2800	S	2554	1945	1539	1193	914	716	573
	U	3830	2917	2308	1879	1563	1323	1135
3000	S	2554	1928	1506	1161	883	689	549
	U	3830	2892	2259	1823	1506	1268	1084

Wind Ratings (Pa) transom 82065.



82066
Ixx = 824 x 10^3 mm^4
Iyy = 272 x 10^3 mm^4

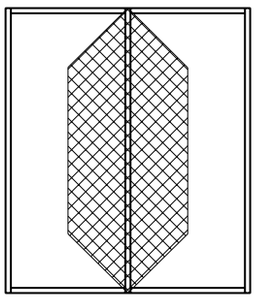
Height mm		Mullion centres mm						
		1800	2000	2200	2400	2600	2800	3000
1800	S	3296	2623	1956	1489	1161	923	746
	U	4944	3934	3209	2670	2258	1936	1678
2000	S	3021	2395	1785	1356	1055	838	677
	U	4531	3592	2922	2427	2049	1755	1520
2200	S	2824	2226	1656	1254	973	771	622
	U	4236	3338	2705	2239	1887	1612	1394
2400	S	2690	2103	1561	1177	910	719	578
	U	4035	3154	2541	2095	1759	1499	1294
2600	S	2611	2018	1492	1118	861	678	544
	U	3917	3027	2420	1984	1659	1410	1214
2800	S	2584	1968	1446	1076	824	646	516
	U	3877	2952	2336	1902	1582	1339	1149
3000	S	2584	1951	1419	1046	796	621	-
	U	3877	2927	2287	1845	1524	1284	-

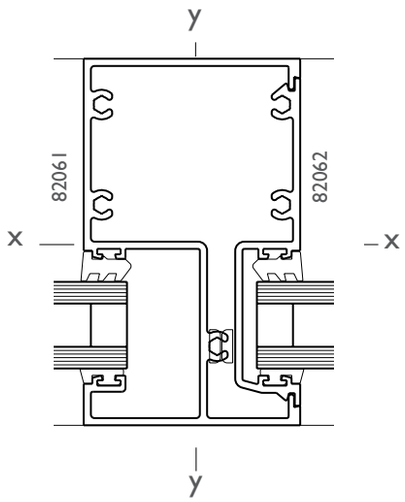
Wind Ratings (Pa) transom 82066.

Series 426
FrontGLAZE™ Framing

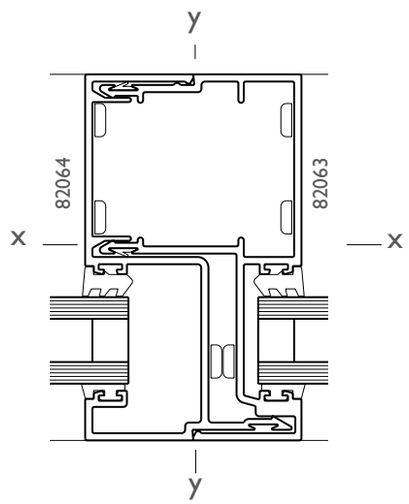
DATE: NOV 13
REPLACES: MARCH 08
SCALE: HALF FULL SIZE

MULLION STRENGTH





82061 with 82062
Ixx = 1191 x 10^3 mm^4



82063 with 82064
Ixx = 1370 x 10^3 mm^4

scale: half full size

S = Serviceability limit state (deflection = L/250).
U = Ultimate strength limit state (factored yield strength = 104 MPa).

These tables have been calculated using nominal section properties.
A typical assembly has been tested as per the requirements of AS 2047.
Serviceability rating has been limited to 3333 Pa and
Ultimate strength rating has been limited to 5000 Pa.

Height mm		Mullion centres mm 800	1000	1200	1400	1600	1800	2000
2400	S	2388	1960	1686	1502	1375	1288	1231
	U	4213	3445	2950	2615	2381	2219	2111
2600	S	1865	1525	1306	1156	1051	976	924
	U	3569	2909	2480	2186	1978	1828	1722
2800	S	1486	1211	1033	910	823	759	713
	U	3064	2490	2116	1858	1672	1536	1436
3000	S	1203	978	832	730	657	603	563
	U	2659	2157	1828	1600	1434	1311	1219
3200	S	988	801	680	595	534	-	-
	U	2330	1887	1596	1393	1245	-	-
3400	S	821	665	563	-	-	-	-
	U	2059	1665	1406	-	-	-	-
3600	S	690	558	-	-	-	-	-
	U	1833	1480	-	-	-	-	-

Wind Ratings (Pa) mullion 82061 with infill 82062.

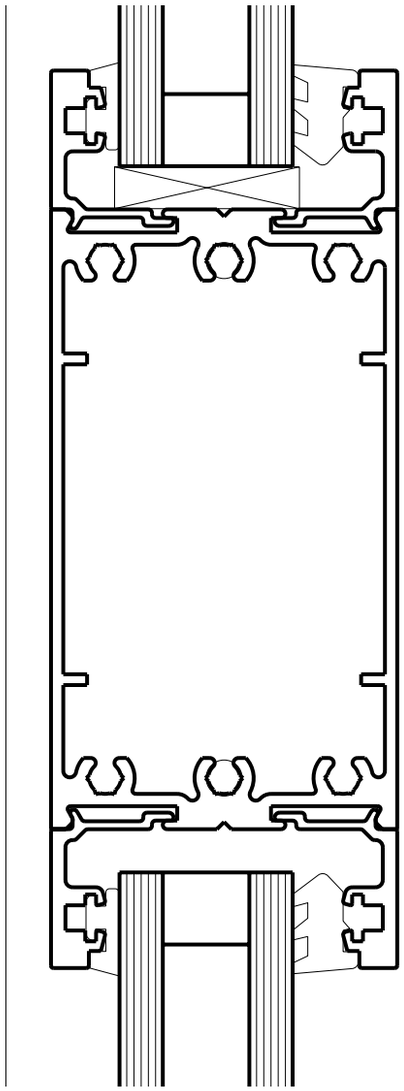
Height mm		Mullion centres mm 800	1000	1200	1400	1600	1800	2000
2400	S	2747	2255	1940	1728	1582	1482	1416
	U	4683	3830	3280	2907	2647	2467	2347
2600	S	2146	1755	1502	1330	1209	1123	1063
	U	3968	3234	2758	2431	2199	2033	1915
2800	S	1709	1393	1188	1047	946	873	820
	U	3406	2768	2353	2066	1859	1708	1597
3000	S	1383	1125	957	840	756	694	648
	U	2956	2398	2033	1778	1594	1458	1355
3200	S	1136	922	782	684	614	561	521
	U	2591	2098	1774	1548	1384	1260	1167
3400	S	944	765	648	565	506	-	-
	U	2289	1851	1563	1361	1213	-	-
3600	S	794	642	543	-	-	-	-
	U	2038	1646	1388	-	-	-	-
3800	S	673	544	-	-	-	-	-
	U	1826	1473	-	-	-	-	-
4000	S	576	-	-	-	-	-	-
	U	1646	-	-	-	-	-	-

Wind Ratings (Pa) mullion 82063 and 82064.

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE & HALF SIZE

MIDRAIL & COC TRANSOM



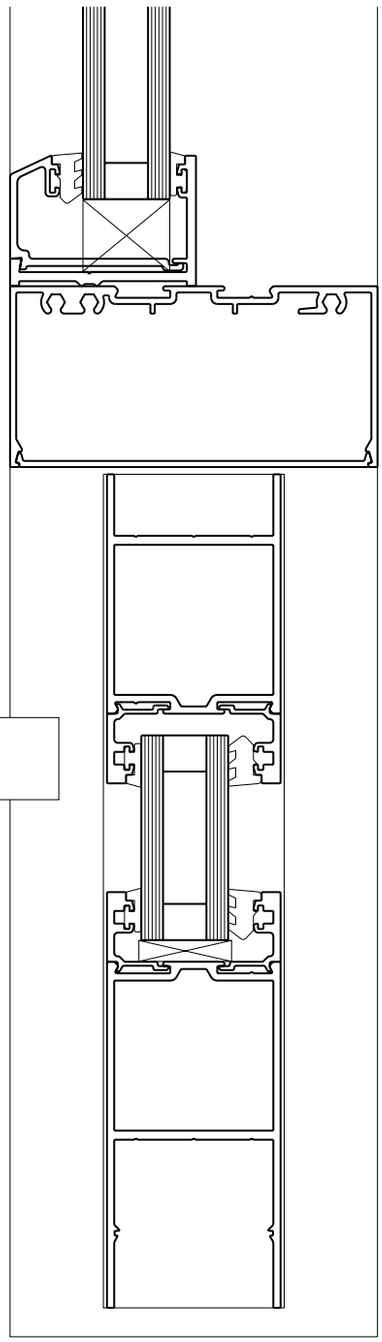
125mm Midrail

Dedicated glazing bead allows us to fit 24mm IGUs into midrail.

This 125mm midrail can be fitted to fixed framing or door panels.

Smooth flat faces on both sides.

CAD file: DWG
426.HGE.4



CAD file: DWG
426.PVT.1

125mm Midrail

We also offer a deep fully beaded 200mm midrail similar to the 125mm shown above.

Concealed Overhead Closer (COC)

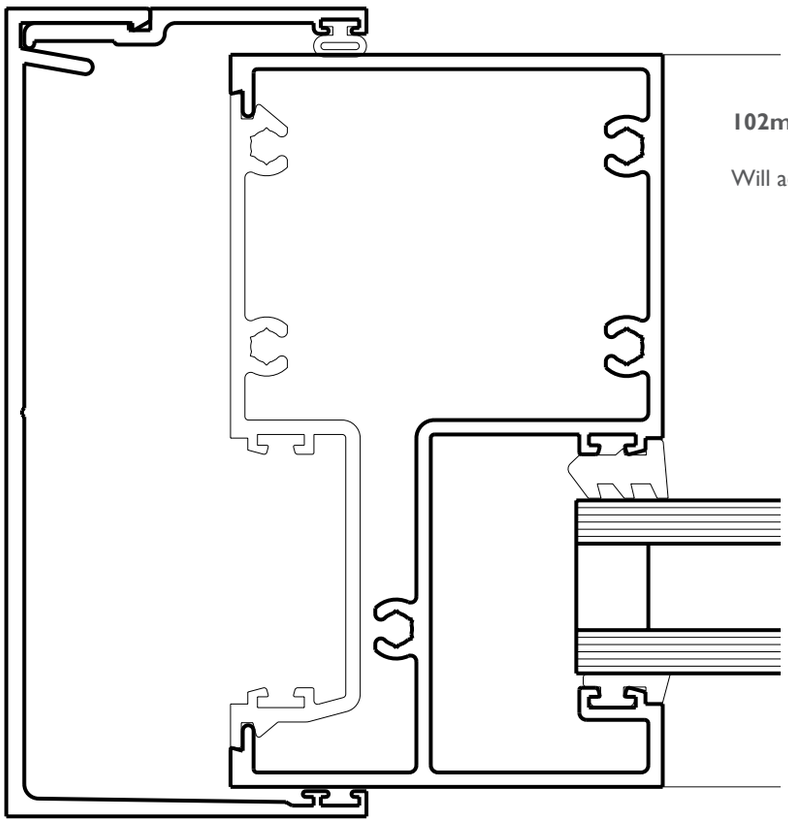
This half scale detail shows how we create a pivot door transom in Series 426 framing.

Both highlight and door are double glazed.

Series 426
FrontGLAZE™ Framing

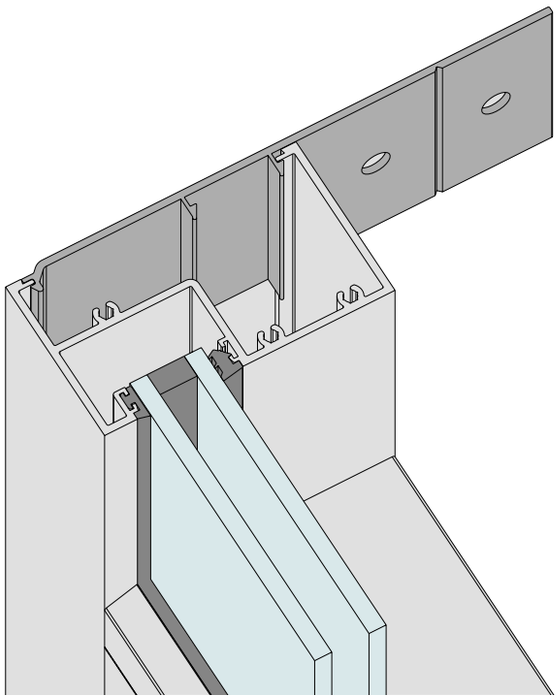
DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE & NTS

JAMB - FIXED



102mm x 60mm Fixed Jamb

Will accept glass up to 24mm thick IGUs.



Jamb can be fixed to structure using:
- Two piece sub-jamb as shown above.
- Extruded nailing fin adaptor (not illustrated) allows timber reveals to be fixed to this jamb, refer Series 400 CentreGLAZE™ section for detals on this adaptor.
- Extruded aluminium building-in lug as shown lower left.

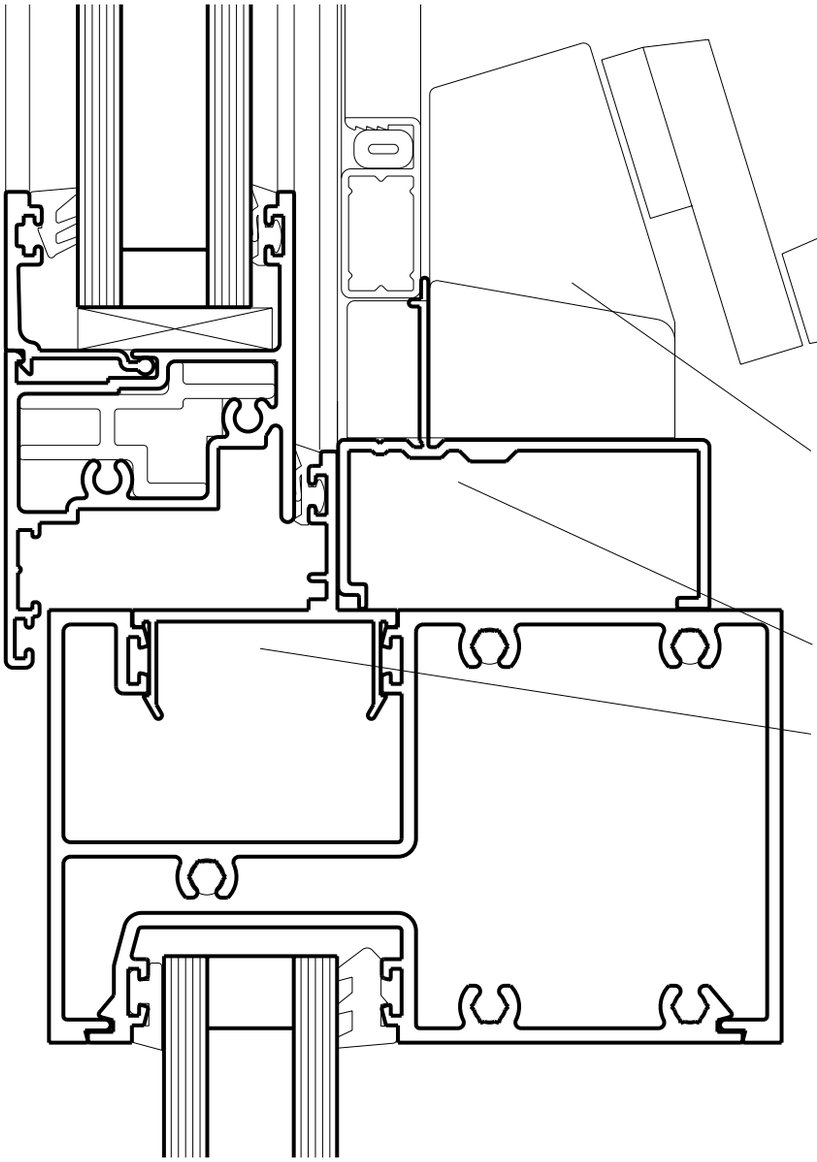
This jamb extrusion is also used as fixed head.

CAD file: DWG
426.FXD.2

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE

FACING AWNING SASH INLAY



Externally Beaded Sash 72837

CAD file: DWG
426.AWN.1

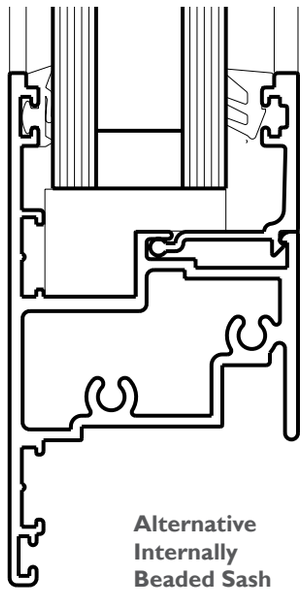
Manual chain winder.

Winders are usually fitted to allow easy fitting of flyscreens.

Manual chain winder with Polesium™ corrosion resistant base and stainless steel chain as standard.

Custom extruded aluminium winder base, designed to support screens.

Custom awning sash stop snaps into pocketed frame.



Alternative Internally Beaded Sash 72838

SOUND REDUCTION

Series 426 FrontGLAZE™ framing with an awning sash insert will acheive sound reduction numbers listed below.

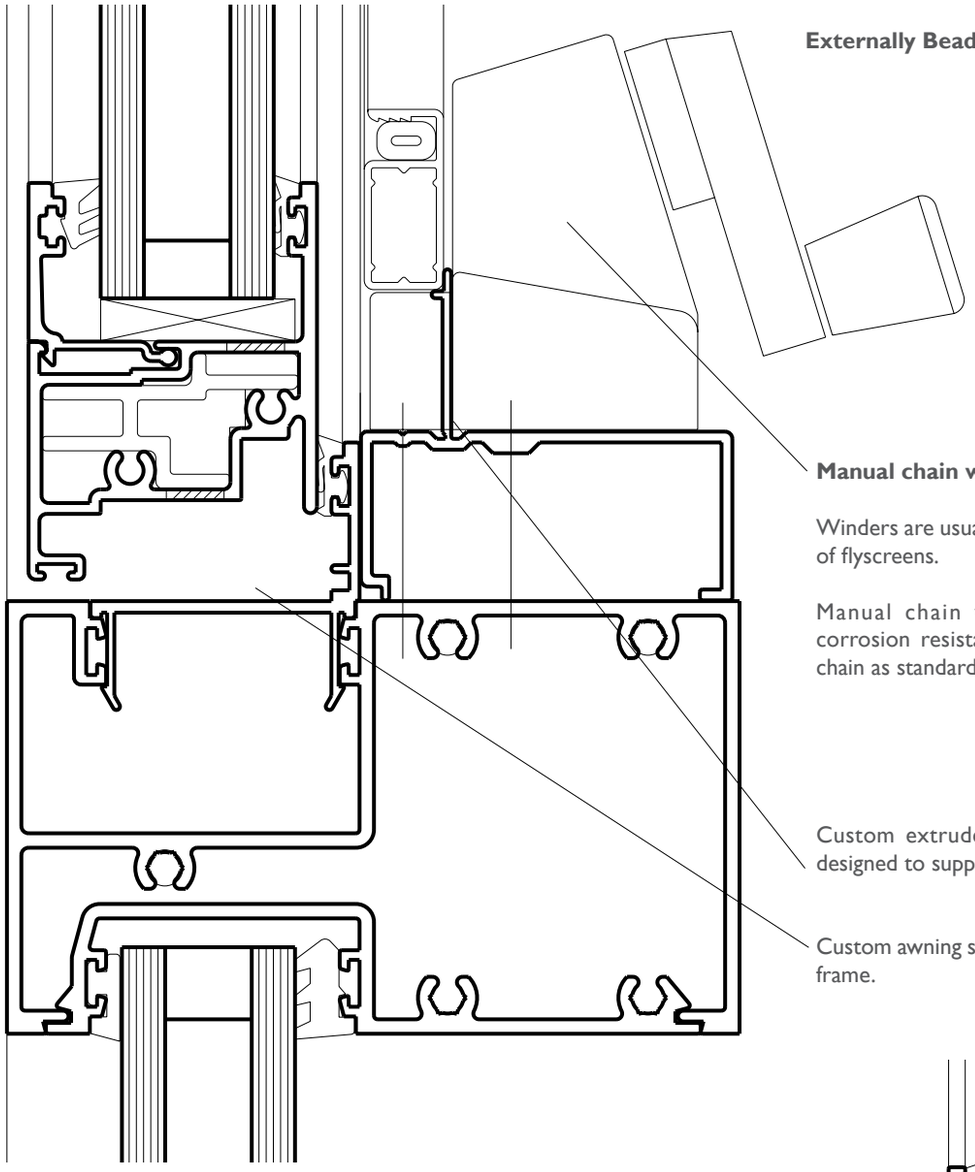
Glass Description	Rating
6mm Toughened glass /12mm air gap / 6.50mm VLam Hush glass	Rw40
8.5mm VLam Hush glass /10mm air gap / 6.50mm VLam Hush glass	Rw41
24mm IGU (5mm glass / 12mm air gap / 5mm glass	Rw35

NOTE: The actual tests were carried out on products very similar (Series 466 and 616) that gave these results

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: FULL SIZE

NON-FACING AWNING SASH INLAY



Externally Beaded Sash 72840

Manual chain winder.

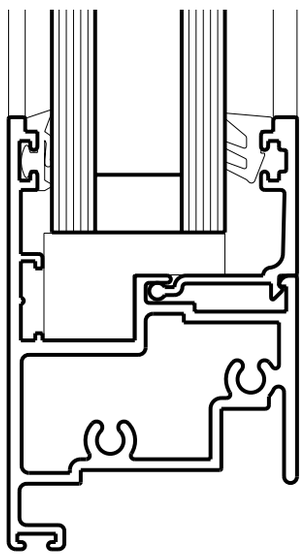
Winders are usually fitted to allow easy fitting of flyscreens.

Manual chain winder with Polesium™ corrosion resistant base and stainless steel chain as standard.

Custom extruded aluminium winder base, designed to support screens.

Custom awning sash stop snaps into pocketed frame.

CAD file: DWG
426.AWN.2



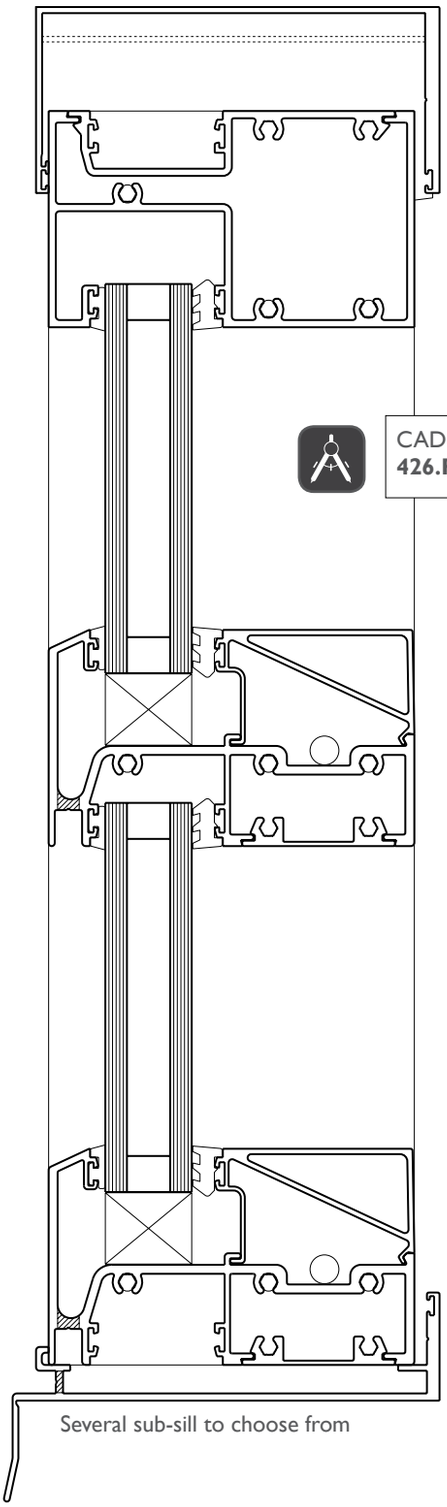
Alternative Internally Beaded Sash 72841

Series 426
FrontGLAZE™ Framing

DATE: NOV 13
REPLACES: MARCH 08
SCALE: HALF FULL SIZE

SUB-FRAMES

Sub-head



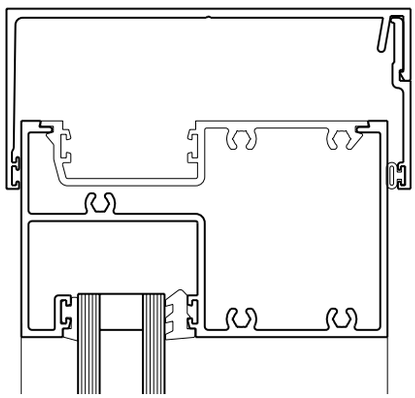
CAD file: DWG
426.FXD.1

Several sub-sill to choose from

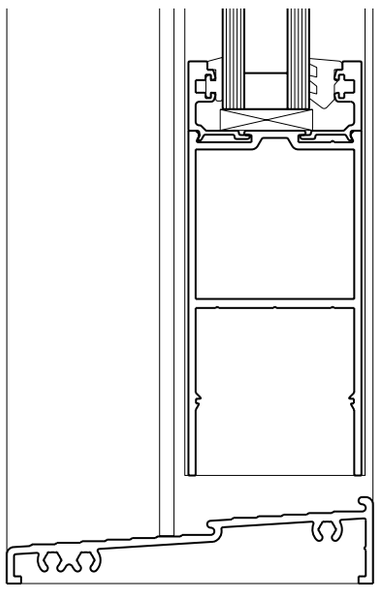
We have a large range of sub-frames and accessories that can be used with Series 426 FrontGLAZE™.

Refer to Series 400 for details on these options.

Sub-jamb



CAD file: DWG
426.FXD.2



Several door thresholds to choose from

CAD file: DWG
426.HGE.6