

CUSTOMER TECHNICAL MEMO # 299

Subject *New ProGlide Jamb and Sill Sections with Extruded Track*

Date: *September 2017*

Author: Product Development Team

We are very pleased to advise in line with the recent development of the new sections for Altitude we have also developed new jamb and sill sections for ProGlide Sliding Door where the tracks are extruded in. A new threshold has also been designed for the new high back leg sill options.

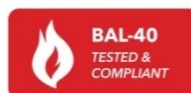
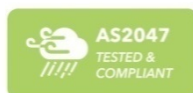
New section details are as follows:

CODE	DESCRIPTION	MASS	AP	PP
1602510	AD881 Jamb Offset Channel	1.45	598	350
1602511	AD882S ProGlide Sill Slotted	1.821	659	462
1602512	AD883S ProGlide Sill Slotted	1.921	696	499
1602513	AD884 150.3mm Jamb Centre Pocket	1.763	695	399
1602514	AD885 150.3mm Jamb Offset Channel	1.763	695	390
1602515	AD886S ProGlide Sill Slotted	2.437	882	633
1602516	AD887S ProGlide Sill Slotted	2.537	919	672
1602517	AD888 Threshold High Sill	0.520	251	100

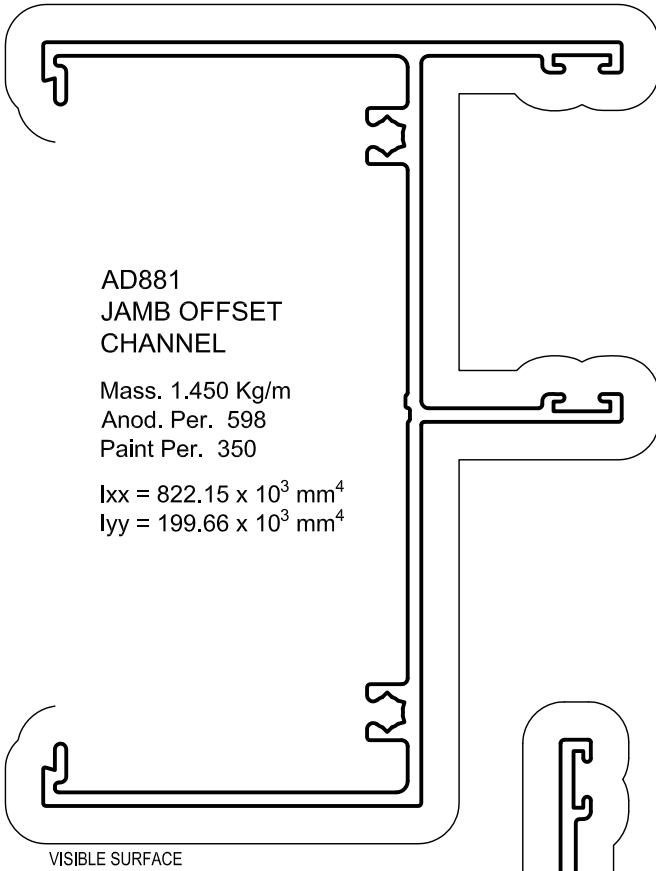
These new extrusions have been added to the current version of V6 and AIQ.

Extrusion Technical Manual and Test Result pages have been included for your information. They will also be added to the Tech manuals and Wall Charts when next updated.

If you have any questions please do not hesitate to contact your local Alspec Branch or Area Manager.



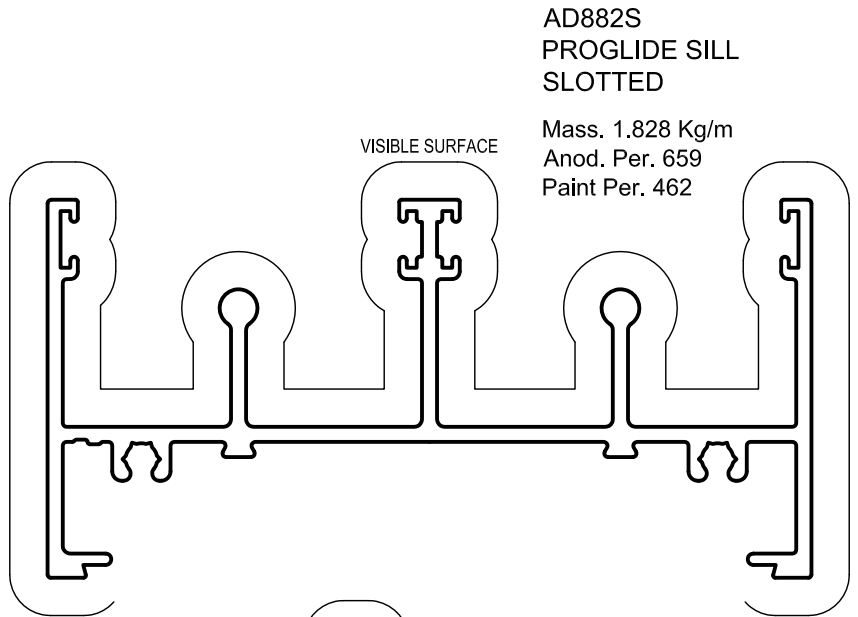
Extrusions



AD881
JAMB OFFSET
CHANNEL

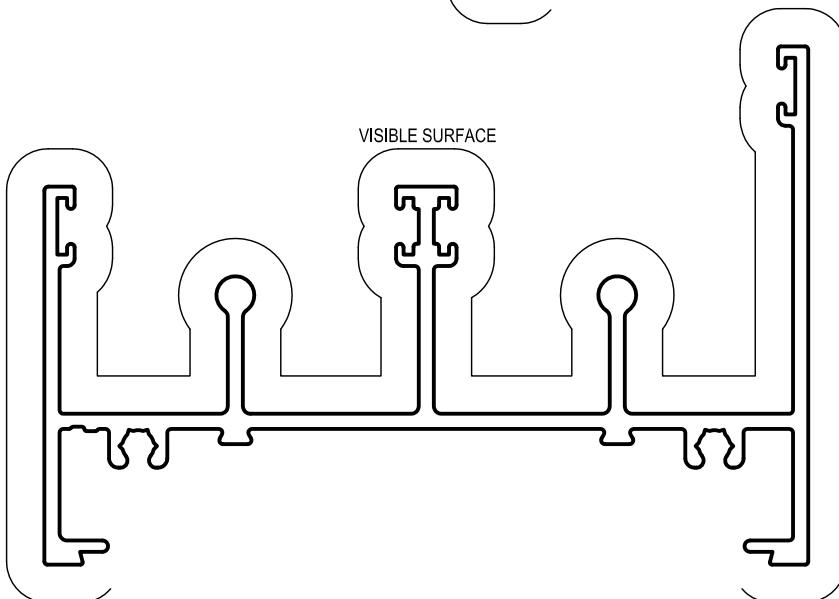
Mass. 1.450 Kg/m
Anod. Per. 598
Paint Per. 350

$I_{xx} = 822.15 \times 10^3 \text{ mm}^4$
 $I_{yy} = 199.66 \times 10^3 \text{ mm}^4$



AD882S
PROGLIDE SILL
SLOTTED

Mass. 1.828 Kg/m
Anod. Per. 659
Paint Per. 462

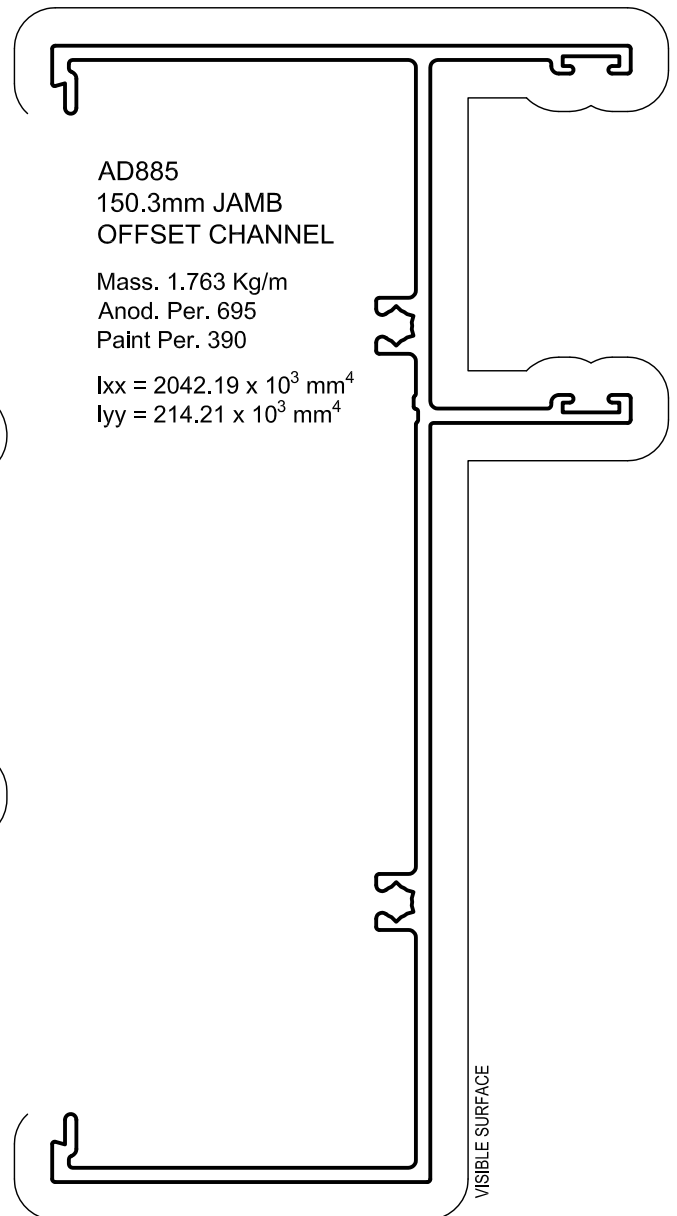
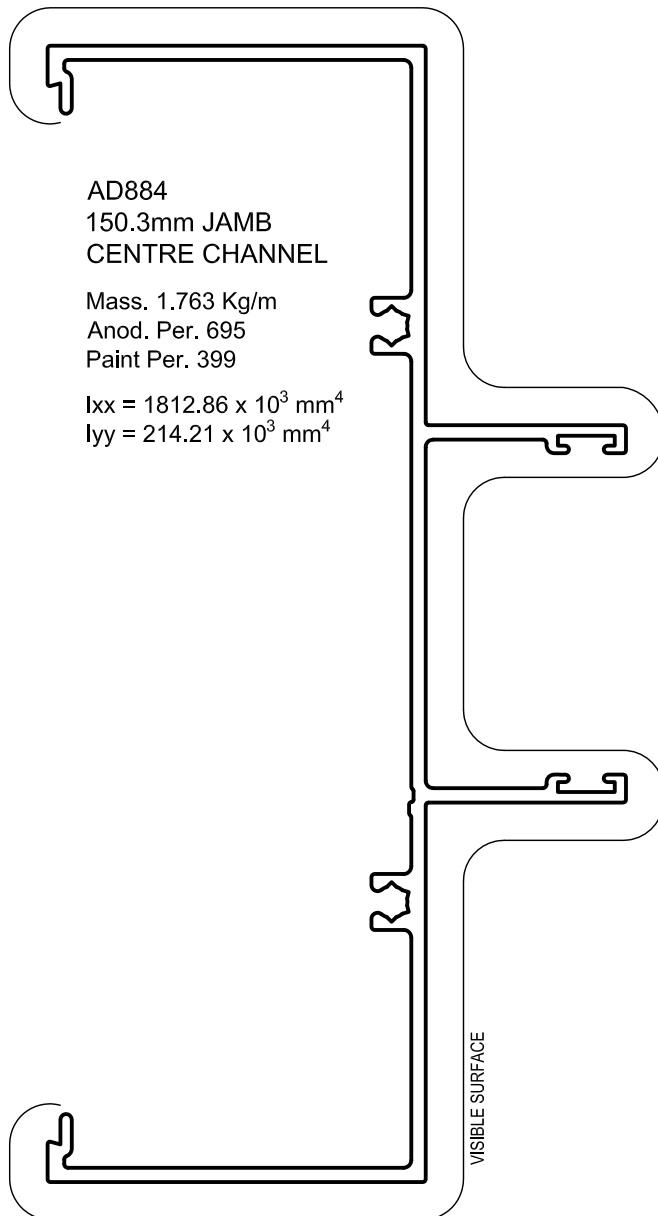


AD883S
PROGLIDE SILL
SLOTTED

Mass. 1.928 Kg/m
Anod. Per. 696
Paint Per. 499

Extrusions - 150.3mm Framing

NOTE:
CANNOT BE MACHINED
IN STANDARD TOOLING

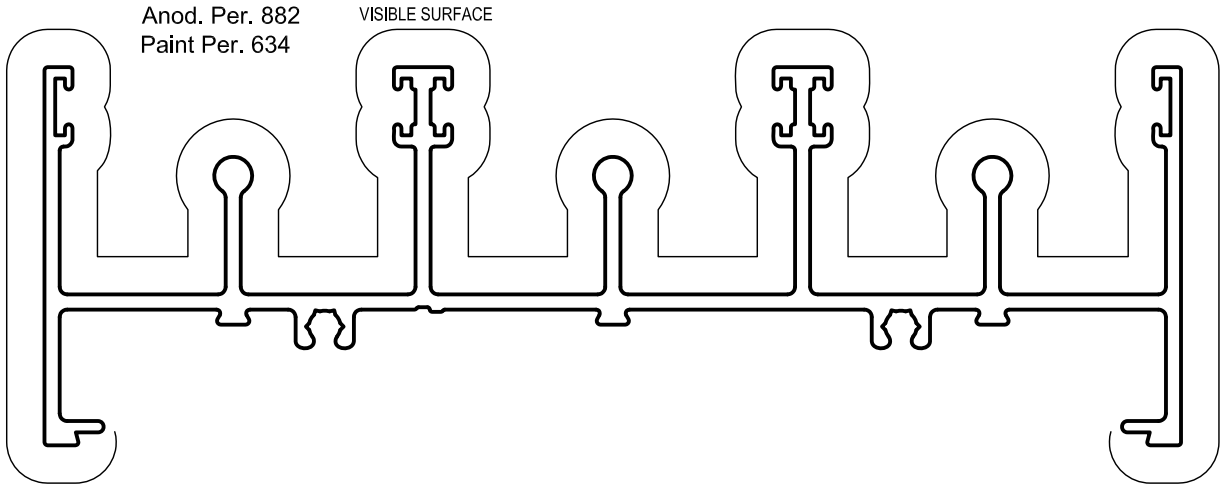


Extrusions - 150.3mm Framing

AD886S
PROGLIDE SILL
SLOTTED

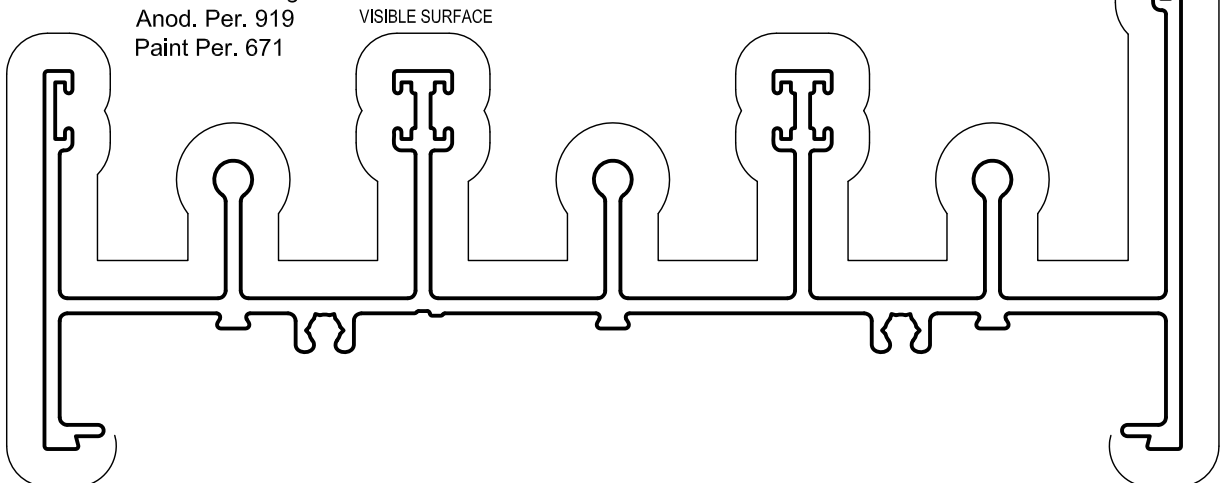
Mass. 2.446 Kg/m
Anod. Per. 882
Paint Per. 634

NOTE:
CANNOT BE MACHINED
IN STANDARD TOOLING



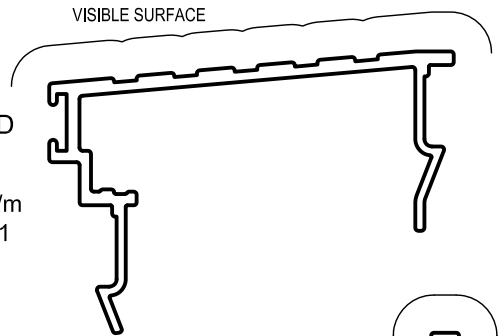
AD887S
PROGLIDE SILL
SLOTTED

Mass. 2.547 Kg/m
Anod. Per. 919
Paint Per. 671



AD888
THRESHOLD
HIGH SILL

Mass. 520 Kg/m
Anod. Per. 251
Paint Per. 100



ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

Proglide

High Performance Sliding Door

Section 2.3

TEST RESULTS - AS2047

Test report: AS17-314

PROGLIDE OXXO FIXED TRACK, AS129S SUBSILL, AD744/AD747, AD748/AD746

Test sample size.....2.7.m high x 4.59m wide

Serviceability load @ L/250.....+/-1.3 kPa

Ultimate load.....+/-2.2 kPa

Water penetration.....600 Pa

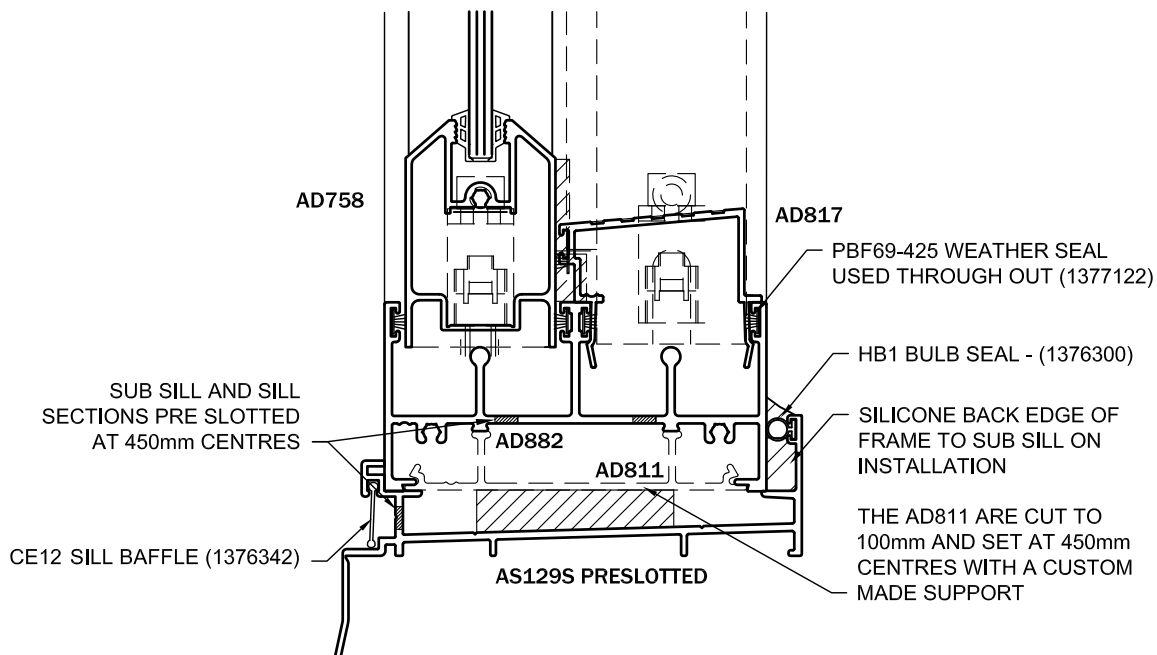
Air infiltration

@75Pa.....+0.27 L/s/m²
-0.50 L/s/m²

Operating Force Test

Initiating movement.....74 N

Sustaining movement.....52 N



NOTE:

1. ALL FRAME AND SASH JOINTS SEALED USING 1385509 FOAM TAPE
2. FRAME AND INTERLOCKS USED PBF69-425-4B FINSEAL THROUGH OUT
3. SILICONE SEAL EACH OF THE CORNERS OF THE SASH GLAZING GASKET
4. SUB SILL AND 25 x 25 x 1.6mm ANGLES FITTED AT 450 CTRS, 8x32mm TRUSS HEAD SCREWS USED TO FIT ANGLE TO STRUCTURE, AND AS44 POP RIVETS USED TO POP FRAME TO ANGLE.

DISCLAIMER

Please note that the Test Results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e changes to frames, transoms, mullions) is required on a project please discuss with ALSPEC prior to commencement.

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

Proglide

High Performance Sliding Door

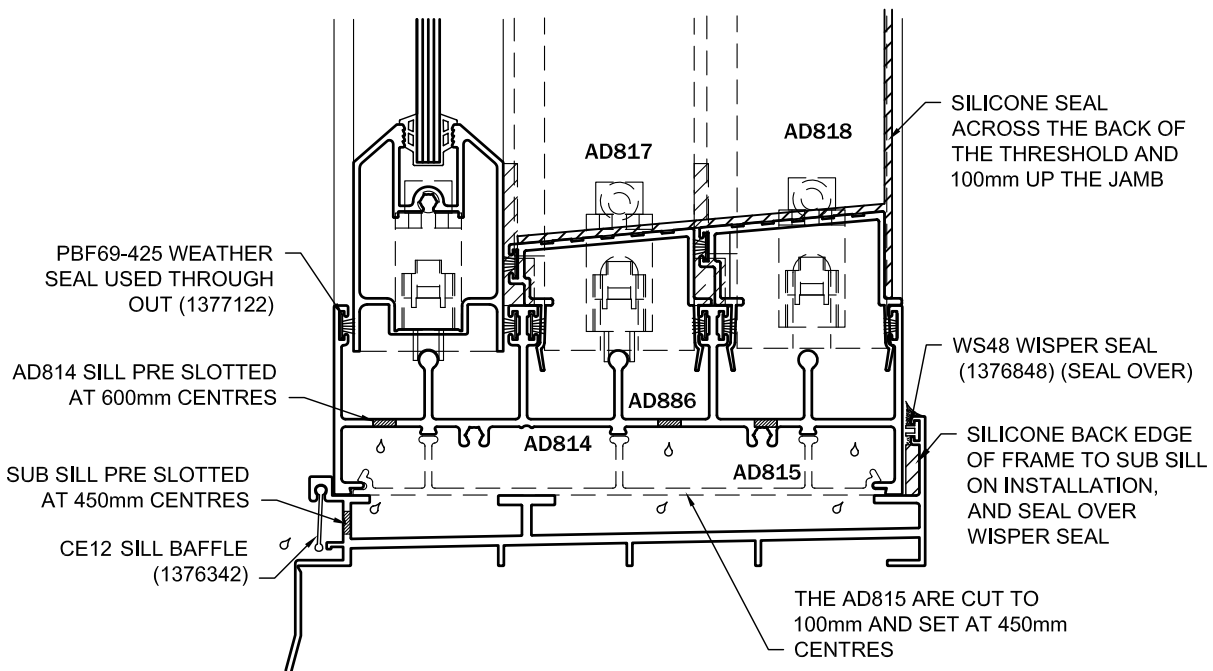
Section 2.3

TEST RESULTS - AS2047

Test report: AS17-315

PROGLIDE OXX FIXED TRACK, AS632S SUB SILL, AD744/AD747

Test sample size.....	2.7m high x 3.6m wide
Serviceability load @ L/250.....	+1.8 kPa - 1.4 kPa
Ultimate load.....	+/- 2.3 kPa
Water penetration.....	450 Pa
Air infiltration @75Pa.....	+0.36 L/s/m ² -0.56 L/s/m ²
Operating Force Test	
Initiating movement.....	117 N
Sustaining movement.....	62 N



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