

CUSTOMER TECHNICAL MEMO # 298

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

Date: *September 2017*

Author: Product Development Team

We are very pleased to advise we have developed two new Jamb sections and two new Sill sections which now have extruded tracks rather than having them drop in.

New section details are as follows:

CODE	DESCRIPTION	MASS	AP	PP
1607195	APT91 Jamb Centre Channel	1.405	581	334
1607196	APT92 Jamb offset Channel	1.405	581	334
1607197	APT93S Altitude Sill Slotted	1.709	706	503
1607198	APT94S Altitude Sill Slotted	1.829	762	558

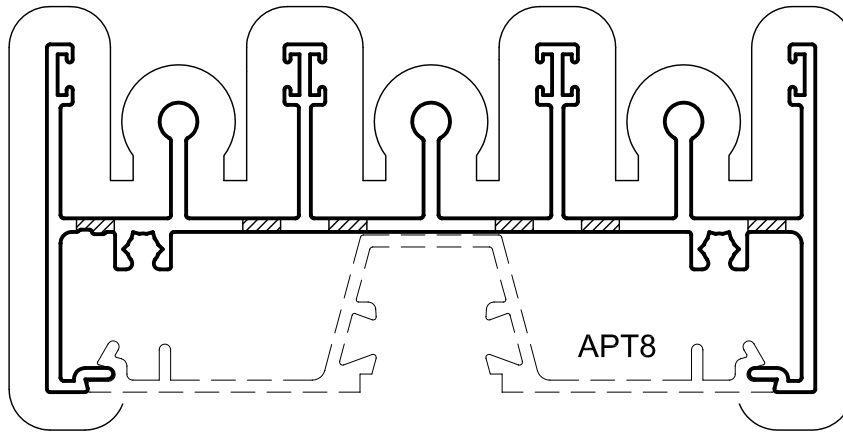
These new extrusions have been added to the current version of V6 and AIQ.

Technical Manual Extrusion and Test Result pages have been included for your information. They will also be added to the Technical 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.

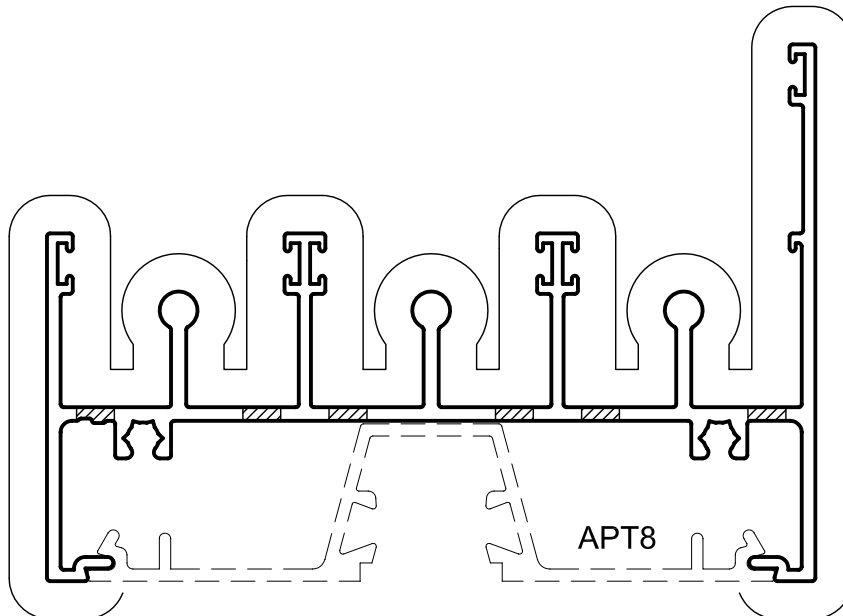


Extrusions



APT93S
ALTITUDE SILL
SLOTTED

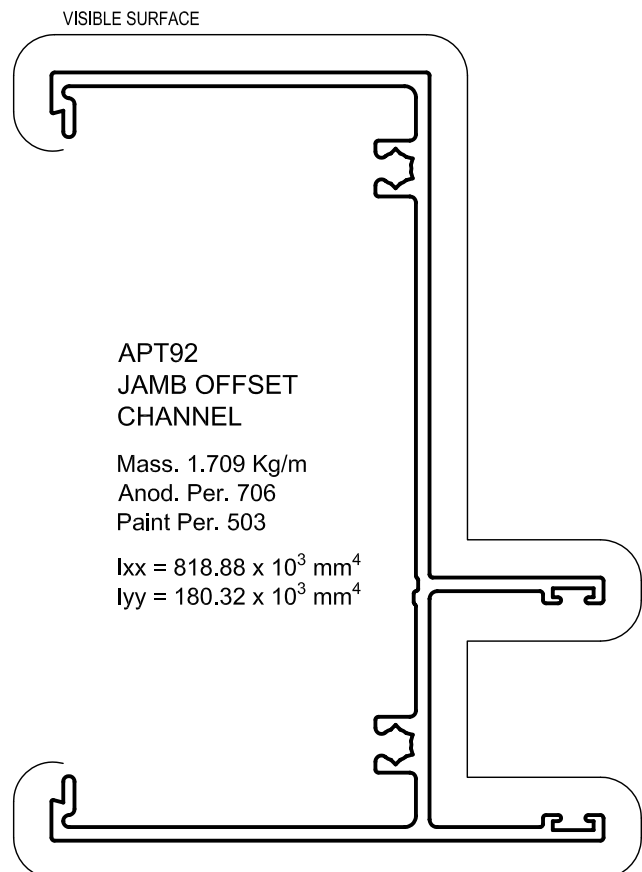
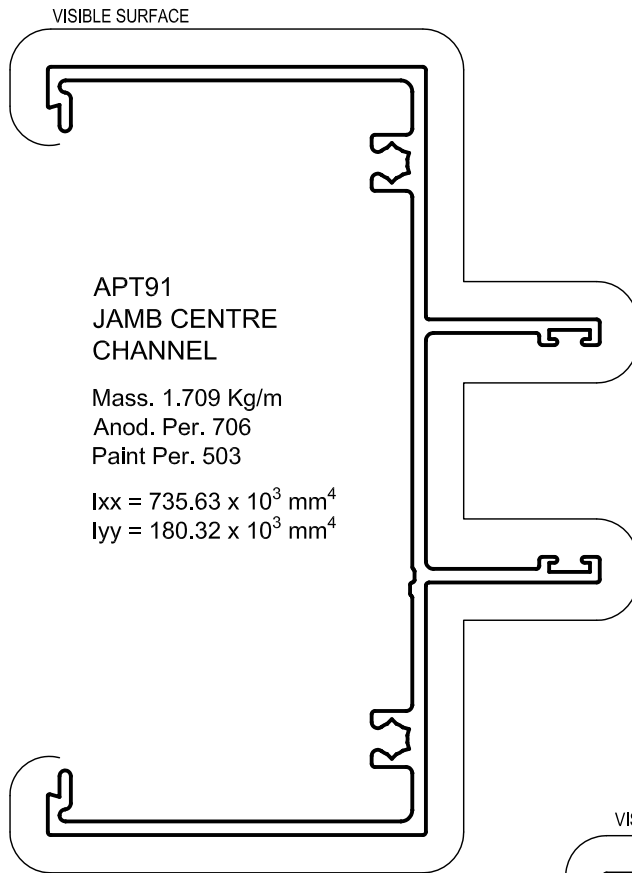
Mass. 1.709 Kg/m
Anod. Per. 706
Paint Per. 503



APT94S
ALTITUDE SILL
SLOTTED

Mass. 1.829 Kg/m
Anod. Per. 762
Paint Per. 558

Extrusions



ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

ALTITUDE

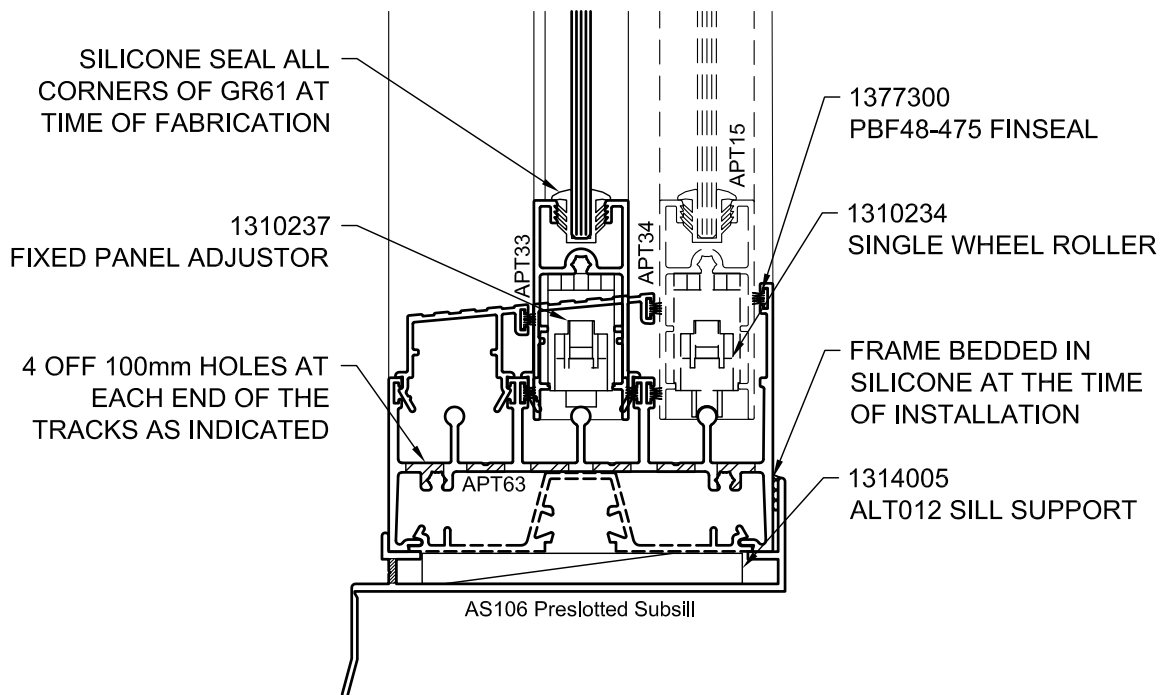
Section 2.3

TEST RESULTS - AS2047

Test report: AS16-311

INTERNAL SLIDE OXXO FIXED 3 TRACK APT44 / APT13, APT12 / APT12, APT63 SILL TRACK, AS106S SLOTTED SUB SILL

Test sample size.....	2100mm H x 4200mm W
Serviceability load @ L/250.....	+2.583 kPa -2.517 kPa
Ultimate load.....	+7.121 kPa -7.090 kPa
Water penetration.....	400 Pa
Air infiltration @75Pa.....	+0.59 L/s/m ² -0.85 L/s/m ²
Operating force test	
Initiating movement.....	45.3 N
Sustaining movement.....	35.8 N



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

ALTITUDE

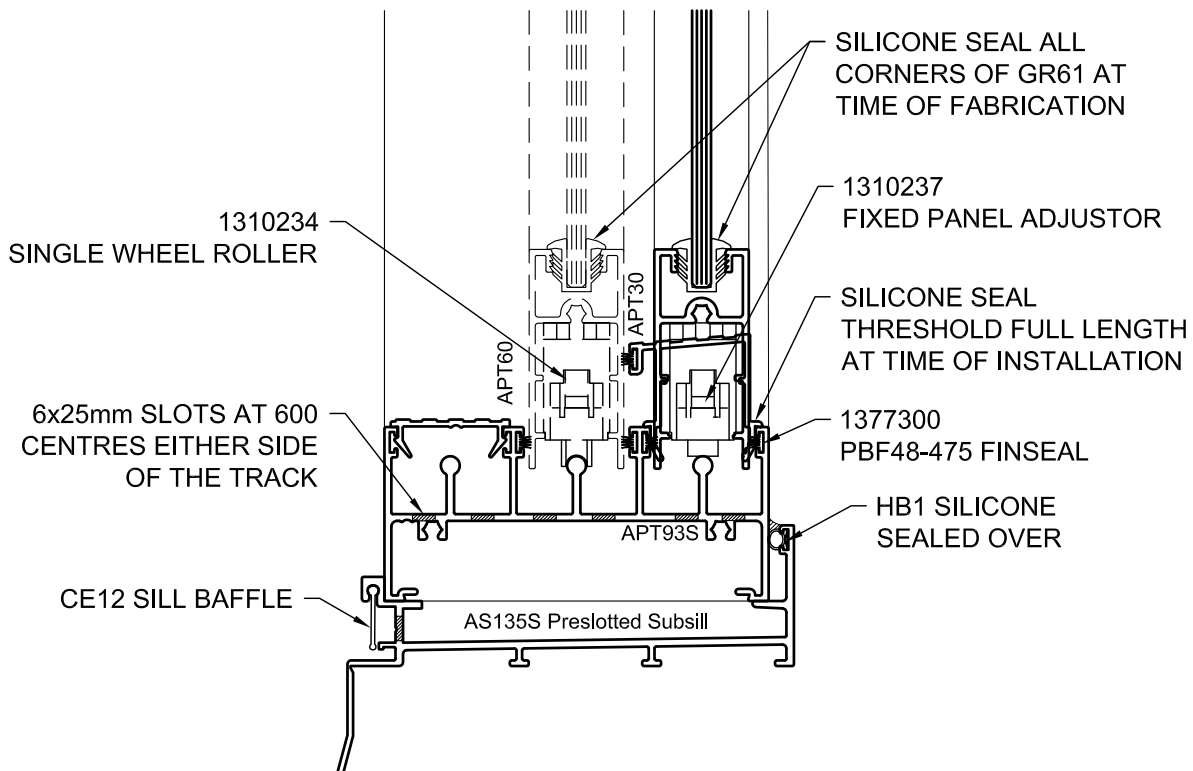
Section 2.3

TEST RESULTS - AS2047

Test report: AS17-317

OXXO FIXED 3 TRACK, APT93S SILL, AS135S SUB SILL, APT10 / APT12, APT13 / APT14,

Test sample size.....	2500mm H x 4590mm W
Serviceability load @ L/250.....	+1.036 kPa -1.169 kPa
Ultimate load.....	+2.263 kPa -2.331 kPa
Water penetration.....	.450 Pa
Air infiltration @75Pa.....	+0.06 L/s/m ² -0.19 L/s/m ²
Operating force test	
Initiating movement.....	106.9 N
Sustaining movement.....	48.1 N



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ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

ALTITUDE

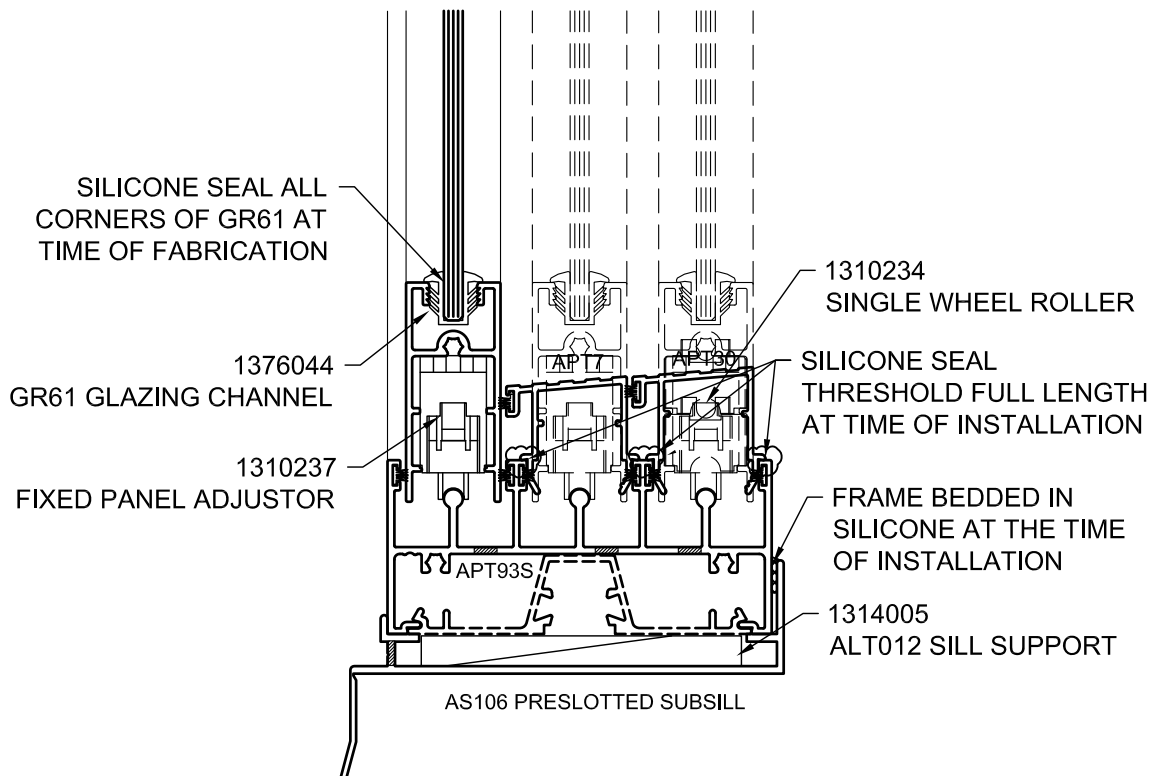
Section 2.3

TEST RESULTS - AS2047

Test report: AS17-318

OXX FIXED TRACK, APT93S SILL, AS106 SLOTTED SUB SILL, APT12 / APT12

Test sample size.....	2500mm H x 3585mm W
Serviceability load @ L/250.....	+1.759 kPa -1.753 kPa
Ultimate load.....	+2.638 kPa -2.619 kPa
Water penetration.....	550 Pa
Air infiltration @75Pa.....	+0.67 L/s/m ² -0.82 L/s/m ²
Operating force test	
Initiating movement.....	82.8 N
Sustaining movement.....	51.1 N



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