

CUSTOMER TECHNICAL MEMO # 157

Subject: View-max Double Hung Balance Part Number Amendments

Date: 19/12/2012

From: Product Development

Please note it has come our attention there are a number of code errors on the 100 series Balance Part Number Chart (page 3.2.6) in the View-max Double Hung Technical Manual.

Currently there are a range of Part Codes in the second column starting with 349, these should start with 348. In most instances this has not been an issue as all relevant codes are correct in V6.

A copy of pages, 1.1 Tech Manual Release Notes and 3.2.6 Balance Chart pages have been attached for you to print and replace in your current Tech Manual. Please ensure your printer is set to double sided printing, so you will be able to easily remove and replace the pages in question.

If you have any questions please do not hesitate to contact your local ALSPEC Area Manager or Sales Office.

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

VIEW-MAX double hung

Section 1.0

TECHNICAL MANUAL RELEASE NOTES

This page is intended to record all changes to the **VIEW-MAX DOUBLE HUNG** technical manual pages. It is therefore critical that all changes are recorded in the below AMENDMENTS box prior to release to our customer.

Changes or additions to this manual will be itemised with a brief description and date when the amendments were made.

It is important that a copy of this page be issued with the update and inserted as the first page in the customers technical manual.

DATE	AMENDMENT DESCRIPTION	REMOVE PAGE	INSERT NEW PAGE
01 / 03 / 2008	Technical manual initial release	~	~
28 / 05 / 2008	Part number reference corrected in the example	3.2.4	3.2.4
28 / 05 / 2008	Glass height cut size corrected & rail number corrected	3.5.3	3.5.3
28 / 05 / 2008	Glass height cut size corrected	3.5.4	3.5.4
28 / 05 / 2008	Glass height cut size corrected	3.5.5	3.5.5
31 / 07 / 2008	Full re-issue with new profiles and format	All	All
01 / 02 / 2009	Technical manual release notes amended	1.0	1.0
01 / 02 / 2009	Specification amended	2.1	2.1
01 / 02 / 2009	Loading table explanation page added	2.2	2.2
01 / 02 / 2009	Test report page updated	2.3	2.3
01 / 02 / 2009	Hardware components pages amended	3.2.1 to 3.2.3	3.2.1 to 3.2.3
01 / 02 / 2009	Max sash height amended	3.2.4	3.2.4
01 / 02 / 2009	Page number amended	3.2.5	3.2.5
01 / 02 / 2009	Mohair deleted	3.4.1, 3.4.3, 3.4.5, 3.4.7, 3.4.9, 3.4.12	3.4.1, 3.4.3, 3.4.5, 3.4.7, 3.4.9, 3.4.12
01 / 02 / 2009	Jamb preparation amended	3.6.1	3.6.1
01 / 02 / 2009	Diameter symbols amended	3.6.2 & 3.6.3	3.6.2 & 3.6.3
01 / 02 / 2009	Sash stop note amended	3.6.9	3.6.9
01 / 02 / 2009	Jamb assembly amended	3.6.10	3.6.10
01 / 02 / 2009	Installation steps amended	3.6.15 to 3.6.18	3.6.15 to 3.6.18
01 / 07 / 2009	Contents page 1 amended	~	~
01 / 07 / 2009	Technical Manual Release Notes Amended	1.0	1.0
01 / 07 / 2009	New page added	~	1.1
01 / 07 / 2009	Window Stop notes and dimension added	3.6.1	3.6.1

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TECHNICAL MANUAL

VIEW-MAX double hung

Section 1.0

TECHNICAL MANUAL RELEASE NOTES Cont.

DATE	AMENDMENT DESCRIPTION	REMOVE PAGE	INSERT NEW PAGE
01 / 07 / 2009	Window Stop notes added	3.6.8	3.6.8
01 / 07 / 2009	Window Stop note amended	3.6.9	3.6.9
01 / 07 / 2009	Step 1 notes amended	3.6.14	3.6.14
01 / 08 / 2009	Technical manual release notes revised	1.1	1.1
01 / 08 / 2009	Flyscreen channel amended	3.1.7	3.1.7
01 / 08 / 2009	Flyscreen details amended	3.4.2, 3.4.4, 3.4.6 3.4.8, 3.4.10	3.4.2, 3.4.4, 3.4.6 3.4.8, 3.4.10
01 / 08 / 2009	Flyscreen formulas amended	3.5.1 - 3.5.5	3.5.1 - 3.5.5
01 / 08 / 2009	Flyscreen installation details amended	3.6.22	3.6.22
01 / 04 / 2011	Technical manual revised and updated for re-print	All	All
01 / 12 / 2011	Front Cover	~	~
01 / 12 / 2011	Contents page 1 amended	~	~
01 / 12 / 2011	Technical manual release notes	1.0 - 1.1	1.0 - 1.1
01 / 12 / 2011	Specification amended	2.1	2.1
01 / 12 / 2011	Windload charts updated	2.2.1 - 2.2.2	2.2.1 - 2.2.2
01 / 12 / 2011	Windload charts added	2.2.3 - 2.2.8	2.2.3 - 2.2.8
01 / 12 / 2011	Extrusion pages updated	3.1.1 - 3.1.7	3.1.1 - 3.1.8
01 / 12 / 2011	Hardware components updated	3.2.2 - 3.2.4	3.2.2 - 3.2.4
01 / 12 / 2011	Details amended	3.4.4, 3.4.8 & 3.4.10	3.4.4, 3.4.8 & 3.4.10
01 / 06 / 2012	Date amended	Front cover	Front cover
01 / 06 / 2012	Tech manual release notes updated	1.0 - 1.1	1.0 - 1.1
01 / 06 / 2012	Formula pages updated	3.4.3 & 3.4.5	3.4.3 & 3.4.5
18 / 12 / 2012	Tech manual release notes updated	1.1	1.1
18 / 12 / 2012	Balance Part Numbers amended	3.2.6	3.2.6

SERIES 100 BALANCE SELECTION MATRIX

EXAMPLE:
SASH HEIGHT (H) = 0.80m
SASH WIDTH (W) = 0.65m
GLASS THICKNESS = 6.38mm

CALCULATE WT
H X W X WT = SASH WEIGHT
0.8 X 0.65 X 17.5 = 9.1 kg

THEREFORE BECAUSE SASH HEIGHT = 0.8M AND SASH WEIGHT = 9.1kg THE CORRECT BALANCE IS *194
THE * BEFORE THE 3 DIGIT NUMBER DENOTES THE FIRST 3 DIGITS OF THE ALSPEC MATERIAL CODE WHICH IS 348,
SO THE FULL MATERIAL NUMBER IS 348194.

GLASS THICKNES	(WT) FACTOR PER SQ/M
4mm	12.8
5mm	15.2
6 - 6.38mm	17.5
8mm	22.2
10mm	27
4-4mm DG	22.2
4-6mm DG	27

MAX SASH WEIGHT (kg)

	1.8	2.2	2.7	3.2	3.6	4	4.5	5.4	5.9	6.3	6.8	7.3	7.7	8.2	8.6	9	10.4	10.9	11.3	11.8	12.7	13.6	14.5	15.4	15.8	18.1	20.4	
476	*150	*150	*150	*151	*151	*151	*151	*152	*153	*154	*154	*154	*154	*154	*154	*154	*154	*155	*155	*155	*155	*155	*155	*155	*155	*155		
527		*156	*156	*156	*156	*157	*157	*157	*158	*158	*158	*159	*159	*159	*159	*159	*160	*160	*160	*161	*161	*161	*161	*161	*161	*161		
578		*162	*162	*162	*162	*163	*163	*163	*164	*164	*165	*165	*165	*165	*166	*166	*166	*166	*166	*167	*167	*167	*167	*167	*167	*167		
629		*168	*168	*168	*168	*169	*169	*169	*170	*170	*170	*171	*171	*171	*171	*171	*171	*171	*172	*172	*172	*172	*172	*172	*172	*172	*173	*173
680		*174	*174	*174	*174	*175	*175	*175	*176	*176	*176	*177	*177	*177	*177	*177	*177	*177	*178	*178	*178	*178	*178	*178	*178	*178	*179	*179
731		*180	*180	*180	*180	*180	*181	*181	*181	*181	*181	*182	*182	*182	*182	*182	*183	*183	*183	*184	*184	*184	*184	*184	*184	*185	*185	*185
782		*186	*186	*186	*186	*186	*187	*187	*187	*188	*188	*188	*188	*188	*188	*188	*189	*189	*189	*189	*189	*189	*189	*189	*189	*189	*189	*189
833					*192	*192	*192	*192	*193	*193	*193	*193	*194	*194	*194	*194	*194	*194	*195	*195	*195	*195	*195	*196	*196	*196	*196	*196
884					*199	*199	*199	*199	*200	*200	*200	*200	*201	*201	*201	*201	*201	*201	*202	*202	*202	*202	*202	*203	*203	*203	*203	*203
935					*206	*206	*206	*206	*206	*207	*207	*207	*207	*207	*207	*207	*207	*207	*208	*208	*208	*208	*208	*208	*208	*208	*208	*208
986					*213	*213	*213	*213	*213	*214	*214	*214	*214	*214	*214	*214	*214	*214	*215	*215	*215	*215	*215	*215	*215	*215	*215	*215
1037					*220	*220	*220	*220	*220	*221	*221	*221	*221	*221	*221	*221	*221	*221	*222	*222	*222	*222	*222	*222	*222	*222	*222	*222
1088					*226	*226	*226	*226	*226	*226	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227	*227
1139					*232	*232	*232	*232	*232	*232	*232	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233	*233
1190										*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	*238	

MAX SASH HEIGHT (mm)

SERIES 100 BALANCE PART NUMBER CROSS REFERENCE

PART CODE	PART # & DESCRIPTION	PART CODE	PART # & DESCRIPTION
348150	A1410 - 381mm 1.8kg-2.7kg	348197	A2890 - 737mm 14.5kg-15.9kg
348151	A1420 - 381mm 2.7kg-4.5kg	348198	A28DS - 737mm 15.9kg-20.4kg
348152	A1430 - 381mm 4.5kg-5.4kg	348199	A3010 - 787mm 3.2kg-5.4kg
348153	A1440 - 381mm 5.4kg-5.9kg	348200	A3020 - 787mm 5.4kg-7.3kg
348154	A1490 - 381mm 5.9kg-9.0kg	348201	A3030 - 787mm 7.3kg-10.4kg
348156	A1610 - 432mm 2.2kg-3.6kg	348203	A3050 - 787mm 12.7kg-14.5kg
348157	A1620 - 432mm 3.6kg-5.4kg	348204	A3090 - 787mm 14.5kg-15.9kg
348158	A1630 - 432mm 5.4kg-6.3kg	348205	A30DS - 787mm 15.9kg-20.4kg
348159	A1640 - 432mm 6.3kg-8.6kg	348206	A3210 - 838mm 3.6kg-5.9kg
348160	A1690 - 432mm 8.6kg-11.3kg	348207	A3220 - 838mm 5.9kg-8.2kg
348161	A16DS - 432mm 11.3kg-15.8kg	348208	A3230 - 838mm 8.2kg-10.4kg
348162	A1810 - 483mm 2.3kg-3.6kg	348209	A3240 - 838mm 10.4kg-12.7kg
348163	A1820 - 483mm 3.6kg-5.4kg	348210	A3250 - 838mm 12.7kg-14.5kg
348164	A1830 - 483mm 5.4kg-6.3kg	348211	A3290 - 838mm 14.5kg-15.9kg
348165	A1840 - 483mm 6.3kg-7.7kg	348212	A32DS - 838mm 15.9kg-20.4kg
348166	A1890 - 483mm 7.7kg-11.3kg	348213	A3410 - 889mm 3.6kg-5.9kg
348167	A18DS - 483mm 11.3kg-15.8kg	348214	A3420 - 889mm 5.9kg-8.2kg
348168	A2010 - 533mm 2.3kg-3.6kg	348215	A3430 - 889mm 8.2kg-10.4kg
348169	A2020 - 533mm 3.6kg-5.4kg	348216	A3440 - 889mm 10.4kg-12.7kg
348170	A2030 - 533mm 5.4kg-6.8kg	348217	A3450 - 889mm 12.7kg-15.4kg
348171	A2040 - 533mm 6.8kg-10.4kg	348218	A3490 - 889mm 15.4kg-15.9kg
348172	A2090 - 533mm 10.4kg-13.6kg	348219	A34DS - 889mm 15.9kg-20.4kg
348173	A20DS - 533mm 13.6kg-18.1kg	348220	A3610 - 940mm 3.6kg-5.9kg
348174	A2210 - 584mm 2.3kg-3.6kg	348221	A3620 - 940mm 5.9kg-8.2kg
348175	A2220 - 584mm 3.6kg-5.4kg	348222	A3630 - 940mm 8.2kg-10.4kg
348176	A2230 - 584mm 5.4kg-6.8kg	348223	A3640 - 940mm 10.4kg-13.6kg
348177	A2240 - 584mm 6.8kg-10.4kg	348224	A3650 - 940mm 13.6kg-15.9kg
348178	A22590 - 584mm 10.4kg-13.6kg	348225	A36DS - 940mm 15.9kg-20.4kg
348179	A22DS - 584mm 13.6kg-18.1kg	348226	A3810 - 991mm 4.1kg-6.4kg
348180	A2410 - 635mm 2.3kg-4.0kg	348227	A3820 - 991mm 6.4kg-8.6kg
348181	A2420 - 635mm 4.1kg-6.8kg	348228	A3830 - 991mm 8.6kg-10.9kg
348182	A2430 - 635mm 6.8kg-8.6kg	348229	A3840 - 991mm 10.9kg-13.6kg
348183	A2440 - 635mm 8.6kg-10.9kg	348230	A3850 - 991mm 13.6kg-15.9kg
348184	A2490 - 635mm 10.9kg-13.6kg	348231	A38DS - 991mm 15.9kg-20.4kg
348185	A24DS - 635mm 13.6kg-20.4kg	348232	A4010 - 1041mm 4.1kg-6.4kg
348186	A2610 - 686mm 23.kg-4.1kg	348233	A4020 - 1041mm 6.4kg-8.6kg
348187	A2620 - 686mm 4.1kg-5.9kg	348234	A4030 - 1041mm 8.6kg-10.4kg
348188	A2630 - 686mm 5.9kg-8.6kg	348235	A4040 - 1041mm 10.4kg-13.6kg
348189	A2640 - 686mm 8.6kg-11.8kg	348236	A4050 - 1041mm 13.6kg-15.9kg
348190	A2690 - 686mm 11.8kg-13.6kg	348237	A40DS - 1041mm 15.9kg-20.4kg
348191	A26DS - 686mm 13.6kg-20.4kg	348238	A4220 - 1092mm 6.4kg-8.6kg
348192	A2810 - 737mm 3.2kg-5.4kg	348239	A4230 - 1092mm 8.6kg-10.9kg
348193	A2820 - 737mm 5.4kg-7.3kg	348240	A4240 - 1092mm 10.9kg-13.6kg
348194	A2830 - 737mm 7.3kg-10.4kg	348241	A4250 - 1092mm 13.6kg-15.9kg
348195	A2840 - 737mm 10.4kg-12.7kg	348242	A42DS - 1092mm 15.9kg-20.4kg
348196	A2850 - 737mm 12.7kg-14.5kg		