

TEST REPORT

Report No.: E2129.01-301-47

Rendered to:

CR LAURENCE CO., INC. Los Angeles, California

PRODUCT TYPE: XO Aluminum Sliding Glass Door **SERIES/MODEL**: 3000

SPECIFICATION(S): AAMA/WDMA/CSA 101/I.S.2/A440-11, NAFS 2011 - North American Fenestration Standard/Specification for Windows, Doors, and Skylights.

Title	Summary of Results
AAMA/WDMA/CSA 101/I.S.2/A440-08 and -11	Class LC – PG25: Size Tested 2438 x
AAMA/ WDMA/C5A 101/1.5.2/A440-06 and -11	2438 mm (96 x 96 in.) – Type SD
Design Pressure	±1200 Pa (±25.06 psf)
Air Infiltration	0.8 L/s/m ² (0.16 cfm/ft ²)
Water Penetration Resistance Test Pressure	180 Pa (3.76 psf)

Test Completion Date: 10/20/14

Reference must be made to Report No. E2129.01-301-47, dated 10/27/14 for complete test specimen description and detailed test results.



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Report Date: 10/27/14 Page 1 of 9

1.0 Report Issued To: CR Laurence Co., Inc.

2100 East 38th Street

Los Angeles, California 90058

2.0 Test Laboratory: Architectural Testing, Inc.

4 Rancho Circle

Lake Forest, California 92630

949-460-9600

3.0 Project Summary:

3.1 Product Type: XO Aluminum Sliding Glass Door

3.2 Series/Model: 3000

3.3 Compliance Statement: Results obtained are tested values and were secured by using the designated test method. The specimen tested successfully met the performance requirements for a **Class LC – PG25**: **Size Tested 2438 x 2438 mm (96 x 96 in.) – Type SD** rating.

3.4 Test Dates: 10/17/14 - 10/20/14

3.5 Test Record Retention End Date: All test records for this report will be retained until October 20, 2018.

- **3.6 Test Location**: CR Laurence Co., Inc. test facility in Los Angeles, California. Calibration of test equipment was performed by Architectural Testing in accordance with AAMA 205-01 "In-Plant Testing Guidelines for Manufacturers and Independent Laboratories".
- **3.7 Test Specimen Source**: The test specimen was provided by the client. Representative samples of the test specimen will be retained by Architectural Testing for a minimum of four years from the test completion date.
- **3.8 Drawing Reference**: The test specimen drawings have been reviewed by Architectural Testing and are representative of the test specimen reported herein. Test specimen construction was verified by Architectural Testing per the drawings located in Appendix C. Any deviations are documented herein or on the drawings.

Company

3.9 List of Official Observers:

Name

	
Marco Ramirez	CR Laurence Co., Inc.
Jarod S. Hardman	Architectural Testing, Inc.



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4.0 Test Specification:

AAMA/WDMA/CSA 101/I.S.2/A440-11, NAFS 2011 - North American Fenestration Standard/Specification for Windows, Doors, and Skylights.

5.0 Test Specimen Description:

5.1 Product Sizes:

Overall Area:	Width		Height	
5.95 m ² (64.0 ft ²)	millimeters	inches	millimeters	inches
Overall size	2438	96	2438	96
Active panel	1252	49-5/16	2374	93-1/2
Screen	1280	50-3/8	2372	93-3/8

5.2 Frame Construction:

Frame Member	Material	Description
		Union of Part # D1017 and Part #DE017 with
Head	Thermally broken	thermal break of Drawing #3000-156 and
Ticau	aluminum	Drawing #949200 (thermal breaks thermally
		welded to one another to form one piece).
		Union of Part # D1018 and Part #DE018 with
Sill	Thermally broken	thermal break of Drawing #3000-156 and
Sili	aluminum	Drawing #949200 (thermal breaks thermally
		welded to one another to form one piece).
		Union of Part # D1016 and Part #DE016 with
Jambs	Thermally broken	thermal break of Drawing #3000-156 and
Janibs	aluminum	Drawing #949200 (thermal breaks thermally
		welded to one another to form one piece).
Sill	Aluminum	Threshold cap, Part #DU007, snap fit into
Siii Aidiiiiidiii		exterior channel of sill beneath active panel.
Sill Steel		Roller track, snap fit, full span, into sill Part
JIII	<u> </u>	#D1018.
Sill	PVC	Sill track riser, snap fit beneath fixed panel,
JIII	1 / C	Drawing #3000-154.

	Joinery Type	Detail
All corners	Coped	Secured through jamb into head and sill screw bosses with two #8 x 1" Phillips truss head screws at each corner.





5.3 Panel Construction:

Panel Member	Material	Description
Top rail	Thermally broken aluminum	Part # DT002, union of Part # D1002 and Part #DE002 with two thermal breaks Drawing #279300.
Bottom rail	Thermally broken aluminum	Part # DT023, union of Part # D1023 and Part #DE023 with two thermal breaks Drawing #279300.
Fixed meeting rail	Thermally broken aluminum	Part # DT021, union of Part # D1021 and Part #DE021 with one thermal break Drawing #279300. Drawing #3000-159 snap fit into Part #DT021.
Fixed jamb stile	Thermally broken aluminum	Part # DT022, union of Part # D1022 and Part #DE022 with two thermal breaks Drawing #279300.
Active meeting rail	Thermally broken aluminum	Part # DT026, union of Part # D1026 and Part #DE026 with one thermal break Drawing #279300. Drawing #3000-160 snap fit into Part #DT026.
Active jamb stile	Thermally broken aluminum	Part # DT009, union of Part # D1009 and Part #DE009 with two thermal breaks Drawing #279300.

	Joinery Type	Detail
All corners	Butt	Secured through stiles into rail screw bosses with one #8 x 3" Phillips truss head screw at each corner.





5.4 Weatherstripping:

Description	Quantity	Location
0.270 x 0.170 plain pile	2 rows	Inserted into Drawing #3000-160, entire length of active panel meeting rail.
0.270 x 0.250 tri-fin pile	1 row	Inserted into interior of thermal break, Drawing #3000-156, at head, sill, and jambs of frame.
0.270 x 0.250 tri-fin pile	1 row	Inserted into Drawing #3000-159, entire length of fixed panel meeting rail.
0.270 x 0.250	1 row	Inserted into interior leg of frame at fixed lite jamb, Drawing #D1016.
Super bug PVC	1 row	Drawing #3000-158, inserted into Drawing #3000-159, entire length of fixed panel meeting rail.
Super bug PVC	1 row	Drawing #3000-157, inserted into Drawing #SR301, entire length non-jamb stile.
Polypropylene guide	1 row	Drawing #USA-3180, inserted into interior leg of frame at head, sill, and active panel jamb, Drawing #D1016.
Two finger vinyl	1 row	Drawing #OP-SP-011, inserted into exterior of thermal break, Drawing #3000-156, at head, sill, and jambs of frame.
Rubber vent stop	1 each corner	Drawing #3000-152, inserted into meeting stiles to plug hardware access holes.





5.5 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	Aluminum Spacer – Dual Seal (A1-D)	1/4" tempered	1/4" tempered	Channel glazed with 1" glazing gasket Drawing # 3000-162.

Logation	Oventity	Dayligh	Glass Bite	
Location	Quantity	millimeters	inches	Glass bite
Active panel	1	1098 x 2235	43-1/4 x 88	5/8"
Fixed panel	1	1096 x 2236	43-3/16 x 88	5/8"

5.6 Drainage:

Drainage Method	Size	Quantity	Location
Weep hole	1-3/4" x 1/4"	8	Two located 1-1/2" and 3-1/4" from each corner and four located mid-span of sill 2" on center spacing from midpoint. Weep cover, Drawing #USA-2960, with flap, Drawing #USA-2961, inserted into each weep hole.

5.7 Hardware:

Description	Quantity	Location
Fixed panel clip	2	Inserted into top and bottom of fixed panel interlock stile and secured to head and sill with #12 x 3/4" Phillips hex head SMS.
Roller assembly	2	Drawing #1939-P795-SS, secured at ends of bottom rail of active panel through stiles with two #14 x 2" Phillips truss head screws.
Door stop	1	Drawing #DS160, secured at fixed jamb head through frame with two 12 x 2-1/2" Phillips flat head screws and capped with rubber stop, Drawing #3000-151, on inboard side.





5.7 Hardware: (Continued)

Description	Quantity	Location
Handle hardware set	1	Part #B0H1011, centered 42" from sill and secured through lock stile with two #10-32 x 2.25" Phillips oval head screws.
Mortise lock	1	Part #BOH1016, centered 42" from sill and secured inside of jamb stile with two #10 x 1/2" Phillips flat head screws.
Deep backset strike	1	Drawing # 0132, secured to active panel jamb with four #12 x 4" Phillips flat head screws through predrilled holes, centered directly opposite lock hardware.

5.8 Reinforcement: No reinforcement was utilized.

5.9 Screen Construction:

Frame Material	Corner Construction	Mesh Type	Mesh Attachment Method
Aluminum	Mitered corner with corner key secured with four #6 x 9/16" Torx truss head screws, two per side	Heavy-Duty Fiberglass	3/16" solid foam spline

6.0 Installation:

The specimen was installed into a Pine wood buck. The rough opening allowed for a 1/4" shim space. The exterior and interior perimeters of the door were sealed with structural silicone sealant.

Location	Anchor Description	Anchor Location
Through frame full perimeter	#10 x 2" Phillips flat head screws	Two fasteners at each point, 3" from corners and 15" on center spacing.



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7.0 Test Results: The temperature during testing was 26°C (78°F). The results are tabulated as follows:

Title of Test	Results	Allowed	Note
	Initiate motion:		
	89 N (20.0 lbf)	135N (30.4 lbf) max.	
Operating Force,	Maintain motion:		
per ASTM E 2068	40 N (9.0 lbf)	90 N (20.2 lbf) max.	
	Locks:		
	22 N (5.0 lbf)	100 N (22.5 lbf) max.	
Air Leakage,			
Infiltration per ASTM E 283	0.8L/s/m^2	1.5 L/s/m ²	
at 75 Pa (1.57 psf)	(0.16 cfm/ft^2)	$(0.3 \text{ cfm/ft}^2) \text{ max.}$	1
Water Penetration,			
per ASTM E 547			
at 140 Pa (2.92 psf)	N/A	N/A	3
Uniform Load Deflection,			
per ASTM E 330			
Deflections taken at interlock			
+720 Pa (+15.04 psf)			
-720 Pa (-15.04 psf)	N/A	N/A	3
Uniform Load Structural,			
per ASTM E 330			
Permanent sets taken at interlock			
+1080 Pa (+22.56 psf)			
-1080 Pa (-22.56 psf)	N/A	N/A	3
Forced Entry Resistance,			
per ASTM F 842,			
Type: A - Grade: 10	Pass	No entry	
Deglazing,			
per ASTM E 987			
Operating direction,			
320 N (70 lbf)	Pass	Meets as stated	
Remaining direction,			
230 N (50 lbf)	Pass	Meets as stated	





7.0 Test Results: (Continued)

Title of Test	Results	Allowed	Note
0	ptional Performance		
Water Penetration,			
per ASTM E 547			
at 180 Pa (3.76 psf)	Pass	No leakage	2
Uniform Load Deflection,			
per ASTM E 330			
Deflections taken at interlock			
+1200 Pa (+25.06 psf)	15.0 mm (0.59")		
-1200 Pa (-25.06 psf)	15.5 mm (0.61")	Report Only	4,5,6
Uniform Load Structural,			
per ASTM E 330			
Permanent sets taken at interlock			
+1800 Pa (+37.59 psf)	0.5 mm (0.02")	9.1 mm (0.36") max.	
-1800 Pa (-37.59 psf)	0.3 mm (0.01")	9.1 mm (0.36") 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: With and without insect screen.

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.



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Architectural Testing will service this report for the entire test record retention period. Test records such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained by Architectural Testing, Inc. for the entire test record retention period.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimen(s) tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, Inc.

Digitally Signed by: Jarod Hardman

Jarod S. Hardman Laboratory Manager Digitally Signed by:Leaton Kirk

Leaton Kirk

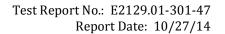
Director - Regional Operations

ISH:ss

Attachments (pages): This report is complete only when all attachments listed are included.

Appendix-A: Alteration Addendum (1) Appendix-B: Location of Air Seal (1)

Appendix-C: Drawings (65)





Appendix A

Alteration Addendum

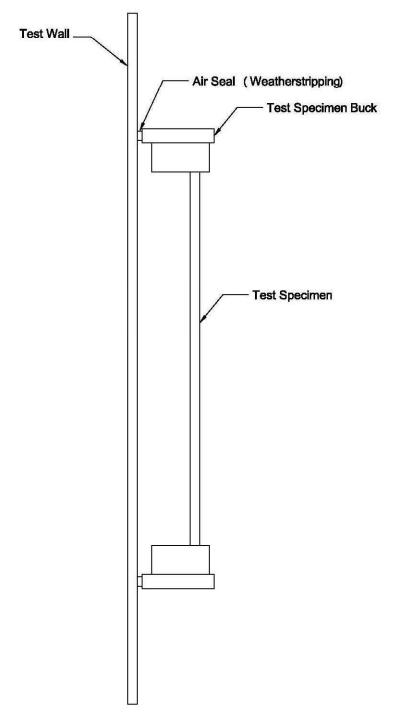
Note: No alterations were required.

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Appendix B

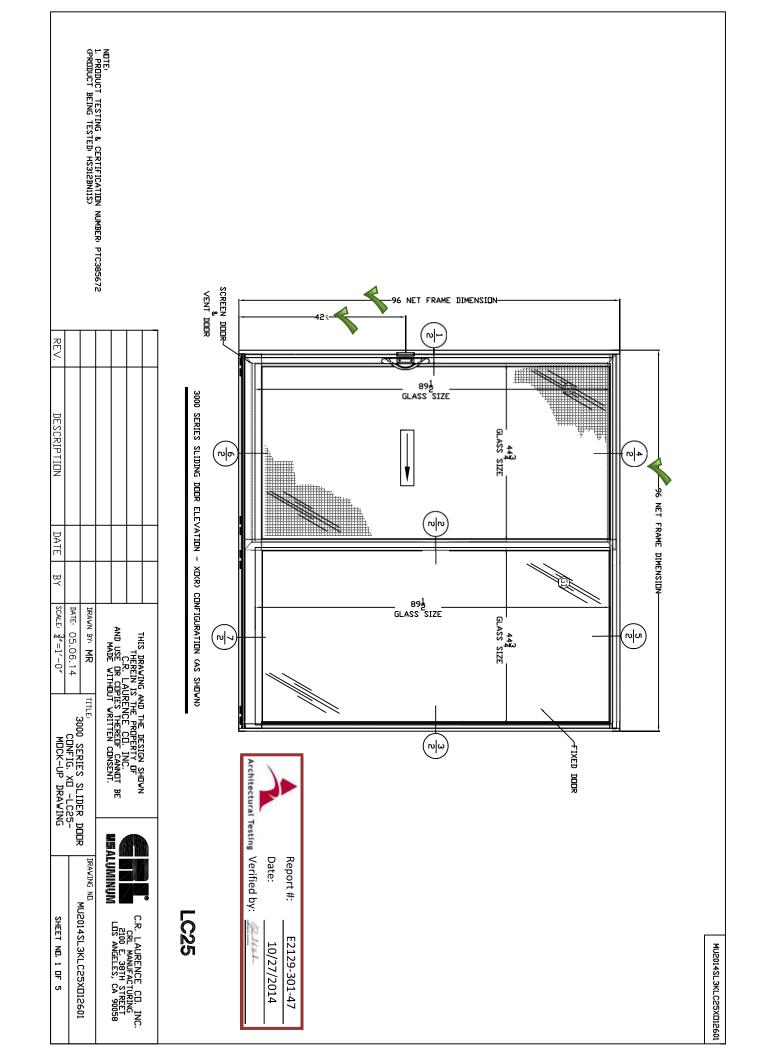
Location of Air Seal: The air seal between the test specimen and the test wall is detailed below. The seal is made of foam weatherstripping and is attached to the edge of the test specimen buck. The test specimen buck is placed against the test wall and clamped in place, compressing the weatherstripping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

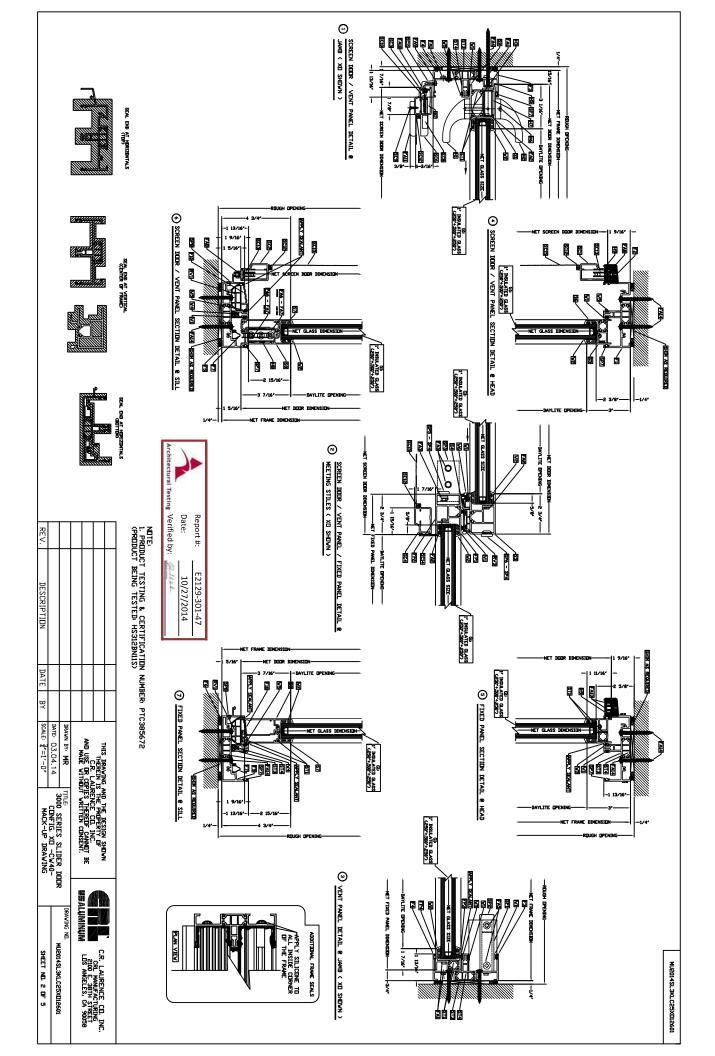




Appendix C

Drawings





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BILL OF MATERIALS FOR 3025 SERIES SLIDING PATIO DOOR

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ITEM #		PART NO	DESCRIPTION		COMMENTS	QTY.	CLASS 1 CLEAR
FI		71017	4-1/2" BLOCK HEAD - INTERIOR	(D1017)	COLOR TO MATCH P.O.	LENGTH MEASURE	
F2		71014	4-1/2' BLOCK HEAD - EXTERIOR	(DE017)	COLOR TO MATCH P.O.	LENGTH MEASURE	
F3		DTO!	4-1/2' BLOCK JAMB - INTERIOR	(D1016)	COLOR TO MATCH P.O.	LENGTH MEASURE	
F4		51010	4-1/2" BLOCK JAMB - EXTERIOR	(DE016)	COLOR TO MATCH P.O.	LENGTH MEASURE	
F5	WE	7100	LC25 SILL - INTERIOR	(B101B)	COLOR TO MATCH P.O.	LENGTH MEASURE	
F6	RAI	חוחדם	LC25 SILL - EXTERIOR	(DE018)	COLOR TO MATCH P.O.	LENGTH MEASURE	
F7	FI	EL103	SS TRACK COVER		MILL FINISH	LENGTH MEASURE	
F8		DU007	THRESHOLD CAP		COLOR TO MATCH P.O.	LENGTH MEASURE	
S1		DOOTE	LEAD STILE - INTERIOR	(D1009)	COLOR MATCH TO P.O.	LENGTH MEASURE	
52		צטטוע	LEAD STILE - EXTERIOR	(D1009)	COLOR MATCH TO P.O.	LENGTH MEASURE	
ಬ	L	DTOSE	LC25 VENT INTERLOCK - INTERIOR	(D1026)	COLOR MATCH TO P.O.	LENGTH MEASURE	
S4	NE	בוטבס	LC25 VENT INTERLOCK - EXTERIOR	(DE026)	COLOR MATCH TO P.O.	LENGTH MEASURE	
\$5	PA	71000	VENT TOP RAIL - INTERIOR	(D1002)	COLOR MATCH TO P.O.	LENGTH MEASURE	
98	a.T	שויטטכ	VENT TOP RAIL - EXTERIOR	(DE002)	COLOR MATCH TO P.O.	LENGTH MEASURE	
S7	/EN	1	VENT BOTTOM RAIL - INTERIOR @EXT PANEL	(D1023)	COLOR MATCH TO P.O.	LENGTH MEASURE	
88	3	שוטבא	VENT BOTTOM RAIL - EXTERIOR @INT PANEL	(DE023)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP1		ומחדת	FIXED INTERLOCK - INTERIOR	(12010)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP2		חוטכו	FIXED INTERLOCK - EXTERIOR	(DE021)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP3	L	1000	FIXED STILE - INTERIOR	(D1022)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP4	NE	חוטככ	FIXED STILE - EXTERIOR	(DE022)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP5	PA	1000	FIXED TOP RAIL - INTERIOR	(D1002)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP6	:D	חוטטב	FIXED TOP RAIL - EXTERIOR	(DE002)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP7	IXE	1	FIXED BOTTOM RAIL - INTERIOR	(D1023)	COLOR MATCH TO P.O.	LENGTH MEASURE	
FP8	F	שועצט	FIXED BOTTOM RAIL - EXTERIOR	(DE023)	COLOR MATCH TO P.O.	LENGTH MEASURE	
ST1		STR182	18.6 MM DFFSET STRUT		BLACK	LENGTH MEASURE	
ST2	8	STR341	34M MM DFFSET STRUT		BLACK	LENGTH MEASURE	
ST3	JTI	STR342	34 MM FRAME ISOLATOR		BLACK	LENGTH MEASURE	
ST4	AL	STR181	18.6 MM 90° STRUT		BLACK	LENGTH MEASURE	
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Report #:

E2129-301-47 10/27/2014

Architectural Testing Verified by: 21644

NOTE:
1. PRODUCT TESTING & CERTIFICATION NUMBER: PTC385672 (PRODUCT BEING TESTED: HS312BN11S)

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SHEET NO. 3 OF 5

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BILL OF MATERIALS FOR 3025 SERIES SLIDING PATIO DOOR

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		rv					
		16	2 PER SCREEN CORNER		50MF023ML		FAIZ
		N	2 @ EXTERIOR SCREEN PULL	#6 x 3/4" PHIL FLAT HD 18/8 SS (BLACK)	ST13843	<u> </u>	FA11
		ω	1 @ SCREEN HOOK + 2 @ SCREEN HOUSING	#6 x 1-1/2" PHIL PAN HD SMS 18/8 SS	ST43742	F	FA10
		n	2 AT SCREEN STRIKE	8-32 x 1/2" PHIL HEX WASHER HD MS 18/8 SS	MS13042	AS	FA9
		80	2 AT EACH SCREEN ROLLER HOUSING	#8 × 1/2" PHIL PAN HD SMS 18/8 SS	ST20642	TE	FA8
		ſÙ	2 AT ROLLER AT LEAD STILE	1/4-20 x 2-1/4" PHIL PAN HD MS 18/8 SS	MS23242	NE	FA7
		rv	2 AT ROLLER AT INTERLOCK	1/4-20 x 1-3/4" PHIL PAN HD MS 18/8 SS	MS23342	RS	FA6
		4	VENT BUMPER	#14 × 1-1/2" PHIL FLAT HD SMS 18/8 SS	ST15343		FA5
		4	STRIKE	#12 × 4" PHIL FLAT HD SMS 18/8 SS	ST27442		FA4
		6	FIXED PANEL CLIP - (3) AT HEAD & (3) AT SILL	#12 × 3/4" PHIL HEX WASHER HD SMS 18/8 SS	ST12042		FA3
		6	V STILE(2) + V INTER'K (2) + F INTER'K (2)	#10 × 2' PHIL HEX WASHER HD SMS 18/8 SS	ST26342		FA2
		10	FRAME (4) + FIXED STRILE (2)	#10 × 1" PHIL HEX WASHER HD SMS 18/8 SS	ST23042		FA1
						<u> </u>	
						GL,	
				1.250 INSULATED BLAST GLASS (.250* + .750 + .250*)	GL103115429	A S	ន
		N		1.000 INSULATED GLASS C250" + .500" + .250")	GL103115129	<u>. </u>	១
						I	
		A/R	BLACK	SUPER BUG STRIP	NY006S	w	₩6
		A/R	BLACK	2 FINGER VINYL	VY002S	EA:	₩5
						THE	
		A/R	BLACK	GLAZING GASKET - 1.250' GLASS	VY125S	R	€.
		A/R	BLACK	GLAZING GASKET - 1" GLASS	VY100S)TF	≥
		го	BLACK	.270 × .250 TRI-FIN	W02716	IIP	W1
		Ŋ					
		Ŋ				8	SP10
		N				MA	SP9
		80	BLACK	WEEP HOLE COVER	WH276	LL	SP8
		A/R	BLACK	POLYETHYLENE RIGID STRIP	NP942	P	SP7
		1	BLACK	ROUND END PLUG	B0H1007	A FI	SP6
		1	BLACK	2-1/4" RADIUS END PLUG - FIXED TOP RAIL	B0H1005	T8	SP5
		n	BLACK	3-1/2' RADIUS END PLUG	B□H1006		SP4
		rv	COLOR MATCH TO P.O.				SP3
		1	BLACK	VENT STOP - RUBBER BUMPER	В□Н1009		SP2
		1	COLOR MATCH TO P.O.	VENT STOP - EXTRUDED HOUSING	DS160		SP1
BRONZE	CLASS 1 CLEAR	QTY.	COMMENTS	DESCRIPTION	PART NO		ITEM #
HES	FINISHES						



Date: Report #:

E2129-301-47

10/27/2014

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Ť	CONFIG. XD -CV60-	DATE: 03.04.14		
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DESCRIPTION









SHEET NO. 4 OF 5

NOTE:
1. PRODUCT TESTING & CERTIFICATION NUMBER: PTC385672 (PRODUCT BEING TESTED: HS312BN11S)

MU2014SL	
L3KLC5	
2X01560	

BILL OF MATERIALS FOR 3025 SERIES SLIDING PATIO DOOR

						FINISHES	HS
ITEM #		PART NO	DESCRIPTION	COMMENTS	απγ	CLASS CLEAR	BRONZE
		B0H1011	ACTIVE HARDWARE KIT		1 SET		
王		,	* EXTERIOR PULL HANDLE		*		
R		,	* INTERIOR PULL HANDLE WITH THUMB TURN		*		
нз	3E		* THUMB TURN		*		
Н4	/AI	,	* STAINLESS STEEL STRIKE		*		
Ŧ2	DV	•	* 12 × 4" PHIL FLAT HD SMS 18/8 SS		*		
Н6	AR	,	* 10-32 x 2.250" PHIL OVAL HD MS SS		*		
Н7	н	B□H1016	MORTISE LOCK	STAINLESS STEEL	1 SET		
Н8		B□H1875	1-13/16' VENT ROLLER HOUSING	TEK PARTS/AMESBURY	1 SET		
					2 EA		
302		SR301		מפרטא אפוכם ים חים.			
SC3		SR301	LOCK STILE	COLOR MATCH TO P.O.	I.		
SC4		SR301	וורב		1		
SC5		50MA2416ML		MILL FINISH	1		
SC6		B0H1020	SCREEW DOOR PULL & LATCH	BLACK	1		
SC7	N	BDH1021	STRIKE ADJUSTER	BLACK	1		
SC8	₹EE	B□H1022	THUMB SLIDE	50% GRAY			
SC9	BCF	B0H1023	OUT SIDE PULL	BLACK	1		
SC10	1	B0H1024	HOOK	NATURAL NYLON	1		
SC11		SR302	EXTRUDED STRIKE	COLOR MATCH TO P.O.	1		
SC12		50MG033		BLACK	A/R		
SC13		50MH071	SCREEN ROLLER HOUSING	BLACK	4		
SC14		VY007S	BUG STRIP	BLACK	1		
SC15		ECW36	SCREEN CLOTH - 36" HEAVY-DUTY FIBERGLASS	CHARCOAL	A/R		
		ECW48	SCREEN CLOTH - 48' HEAVY-DUTY FIBERGLASS	CHARCOAL	A/R		
		ECW60	SCREEN CLOTH - 60' HEAVY-DUTY FIBERGLASS	CHARCOAL	A/R		
		ECW72	SCREEN CLOTH - 72' HEAVY-DUTY FIBERGLASS	CHARCOAL	A/R		
RV1		VY005R		BLACK	1		
RV2	:	VY003R	FIXED INTERLOCK ISOLATOR	BLACK	1		
RV3	•vc	VY004R	VENT INTERLOCK ISOLATOR	BLACK	1		
	D F						
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Report #:

E2129-301-47

10/27/2014

Date:

DATE DRAVN BY: MR 11

DATE: 03.04.14

SCALE: $\frac{3}{4}$ "=1'-0" 3000 SERIES SLIDER DOOR CONFIG. XD -CV60-BILL OF MATERIAL

DESCRIPTION









MU2014SL3KLC25X012601 SHEET NO. 5 OF 5

NOTE:
1. PRODUCT TESTING & CERTIFICATION NUMBER: PTC385672
(PRODUCT BEING TESTED: HS3/2BN1/1S)